

cccatgcggg	agcctgggag	cccagctgaa	tccgagggcc	gggaccaggc	ccagccgtcc	1320
ccggttaacc	agcctggcgc	ctcggcctag	gggaggggtg	agacgctcgc	tgccgtgccc	1380
gccacaccaa	gatgttgggg	ctgcctggcg	cccactggag	acagacagac	agacgcctgt	1440
cccccgggac	cgaggcctgt	gccgtcccca	cccgcccca	catgggtgctc	atccttgccg	1500
agacccctgc	agtccgtgcc	cgcgcccagc	ccagctgccc	cggctgcacg	cctgctgctc	1560
ccagctcgcc	cggctgccac	aagctctctg	cgggtccatc	ctccccaccg	gggtccgtcc	1620
tcgcaggccc	tgcccggcct	ctctgcagac	cctcaagcgt	cgtctgcatg	agtgagcagg	1680
cgtgggtgga	ctctggccgc	ggccacactt	ggtgctcacc	agctgcttcg	gccttcaggt	1740
gacctccctc	cccacggcat	cctgctctcc	gggtggaaga	gcagctttct	gtctcccaga	1800
aggcatcgct	tttccctctt	gagcagatcg	gagcccctgg	gaggtttgga	agctgcctcc	1860
aagcctagga	cacggaccgg	tggccggggc	ggcctctggc	ccctgacgct	ggctgagaca	1920
ggcccgtggg	gcgggggttt	ggggcgtgaa	caaggctggc	agtaagtgga	caagctgctc	1980
ccctggctaa	ggccctgccc	tgccctcagg	ggtccctgga	gccctgggag	ggagggactg	2040
ggtcgtggga	ggtcctggta	gctcccggca	cccaacctcg	cttcccgtgt	gggccccgtg	2100
ttgcttttct	gctgagaggg	gcttgggcct	cggttctccc	tgg		2143

<210> 6645
 <211> 1069
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1070)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (805)...(202)
 <223> similar to gi5911816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6645						
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tttatacaca	gggaggtggg	aggggagggc	cacacgatgc	gttgctgcgc	ccccgcctt	120
cctctcactc	ctcttataag	aagcgcggag	tgttctgcct	tttcacctac	gcagccccag	180
cccgccccc	ctggggaccc	tagagagggg	gtcctttctg	tttatccttc	tctttgctcc	240
agatggctgc	gctctctagg	ggcgcgatgt	gtgtgtggtg	gagccgggtc	ccctccagca	300
aggagggcgg	cccactgctc	tgctggtgct	ggaaggagga	ccccgggtag	tgcccgatga	360
cctcgctgta	ggtggggcgg	cggccctcc	atgcgccgc	cgtgcccga	gcacgtggcg	420
ctgatgcccg	agttactgct	gggggggcag	gggcgcacca	gcctggcact	atccatcagg	480
tactgtcgga	agatggttct	gtttgggggt	gcgcgcaccg	actcccgtt	cagttccagc	540
tgtgctcgg	ggtcccgaag	ctggaggggt	caggggcct	ggtaggggtg	gggtccctcc	600
ccgtccgaca	gcgaaatagt	gggcggcagg	tcgatctcgt	gctgcaggta	cggataggtg	660
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gagggccaca	ggcatccttc	tgaggacagg	gcattctctc	tctncgccc	ctggctgtgc	840
cggctgatga	aggaccgtgc	agacagcttg	tagtggctca	gcaggcacgt	gatcaccacc	900
accatcacca	tcatcaccac	cacggatgat	gatgatctga	acaanattct	cagtcggctg	960
gtttcgcagg	agactgtccg	ccttcagttc	tccagcagct	cggggatcat	ggcccaactga	1020

acccccaagc gctttcaccc gaaccaagg aggacgacca ggaaagacg

1069

<210> 6646

<211> 1856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(1382)

<223> similar to gi3041855 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6646

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cgacagcgag	ttgacacaaa	taaacccttg	gaccccttg	ttccctcagc	tctaagggcc	120
gcgatgttgt	acctagaaga	ctatctggaa	atgattgagc	agcttcttat	ggatctgcgg	180
gaccgcttca	cggaaatgcg	cgagatggac	ctgcaggtgc	agaatgcaat	ggatcaacta	240
gaacaaagag	tcagtgaatt	ctttatgaat	gcaaagaaaa	ataaacctga	gtggagggaa	300
gagcaaattg	catccatcaa	aaaagactac	tataaagctt	tggaagatgc	agatgagaag	360
gttcagttgg	caaaccagat	atatgacttg	gtagatcgac	acttgagaaa	gctggatcag	420
gaactggcta	agttttaaatt	ggagctggaa	gctgataatg	ctggaattac	agaaatatta	480
gagaggcgat	ctttggaatt	agacactcct	tcacagccag	tgaacaatca	ccatgctcat	540
tcacatactc	cagtggaaaa	aaggaaatat	aatccaactt	ctcaccatac	gacaacagat	600
catattcctg	aaaagaaatt	taaatctgaa	gctcttctat	ccacccttac	gtcagatgcc	660
tctaaggaaa	atacactagg	ttgtcgaaat	aataattcca	cagcctcttc	taacaatgcc	720
tacaatgtga	attcctccca	acctctggga	tcctataaca	ttggctcggt	atcttcagga	780
actggtgcag	ggggcattta	ccatggcagc	tgctcaagca	gttcaggcta	cagctcagat	840
gaaggaggga	cgaagaacat	caagttttaa	agccagttat	gaagcattta	agaataatga	900
ctttcagttg	ggaaaagaat	tttcaatggc	cagggaaaca	gttggctatt	catcatcttc	960
ggcacttatg	acaacattaa	cacagaatgc	cagttcatca	gcagccgact	cacggagtgg	1020
tcgaaagagc	aaaaacaaca	acaagtcttc	aagccagcag	tcacatctct	cctcctcttc	1080
ttcttcttta	tcacggtgtt	cttcacatc	aactgttgta	caagaaatct	ctcaacaaac	1140
aactgtagtg	ccagaatctg	attcaaatag	tcagggtgat	tggacttacg	acccaaatga	1200
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caaatggtac	tgtccacagt	gcaactggtg	caatgaagag	aagaggcagc	agacacaaat	1380
aaaagggtgt	ccttttggtt	tgaaggaaga	aataaacttc	agcctgaagg	ttttaatatg	1440
gggaccttaa	aaagaagaga	agagaaagaa	gaaacaatgc	cattcccccg	gcaacccccc	1500
ctaaaggatt	taccataga	caatccccta	taagatcttg	aaccttgaat	tttaattggg	1560
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attattccca	gttagccctt	ggattatttc	cagtggccca	acatatgcag	acatttgtac	1680
tcctcaaccc	atctttctca	agtaatgggc	attctatgat	ttagacttca	aggaattcca	1740
atgatgaaga	ttttaaggaa	agtattttat	attcaacagg	tatattctgc	tgcatgtact	1800
gtactccaga	gctgttatgt	aacactgtat	ataaatggtt	gcaaaaaaaa	aaaaaa	1856

09493725 013100

<210> 6647
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (469)...(148)
 <223> similar to gi871345 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6647

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ggctgaatgg	cttgggatgc	agagagagac	ccctcccctg	ggatcctgca	gctccaggcc	120
cctgtgggtg	gggtgggggc	tggaaacctat	gaacattctg	cagggggccac	tgacttctcc	180
acggtgctcc	cttcttgcat	aacctggcag	ctgtagcttc	tgcgggacct	ccactgctcg	240
ggcgtcaggc	tcaggtagct	gctggccacg	tacttgttgt	tgctctgttt	ggagggcggtg	300
gtcttctcca	cgtctgggt	gatgagggt	ccatctgcct	tccaggtcac	catcaagatt	360
cccggataaa	gttattcatg	agacacacca	gtgtggcctt	gttggttgg	ggctcctcac	420
aggacggcag	gaacagaatg	accgacgggg	tagtcttggg	ctgacctgtg	tggacagagg	480
aggggggtgag	agatggcaga	gggagtgtgg	ggtgttgtgg	agcgctctc	tctgtctaaa	540
gtctctggga	gggttcattg	tgtggccgtc	tgggtccacc	agggcctctc	cttccctcct	600
cattccctcc	tttccactgg	agccctctgc	agagcagaca	gccctgtgcc	ttcctaggag	660
cccttcccaa	gtcacctttc	ccagggtgtc	tggcccagcc	ctttcctctg	cagcctcagt	720
ttccccgtgt	gtacccaggg	caggctgtgc	tccctccttc	ctggtttctg	ggaattccac	780
cgcnctgact	aatgtcatca	gtgnntcaat	tnnccccct	cccctcg		827

<210> 6648
 <211> 3090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (98)...(2465)
 <223> similar to gi220912 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6648

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gacaggaccc	ccttgagctt	gtccctcagc	tgccaccatg	agcgaccaag	atcactccat	120
ggatgaaatg	acagctgtgg	tgaaaattga	aaaaggagtt	ggtggcaata	atgggggcaa	180

tggtaatggt	ggtggtgcct	tttcacaggc	tcgaagtagc	agcacaggca	gtagcagcag	240
cactggagga	ggagggcagg	agtcccagcc	atcccccttg	gctctgctgg	cagcaacttg	300
cagcagaatt	gagtcaccca	atgagaacag	caacaactcc	cagggcccga	gtcagtcagg	360
gggaacaggt	gagcttgacc	tcacagccac	acaactttca	cagggtgcca	atggctggca	420
gatcatctct	tcctcctctg	gggctacccc	tacctcaaag	gaacagagtg	gcagcagtac	480
caatggcagc	aatggcagtg	agtcttccaa	gaatcgca	gtctctgggtg	ggcagtatgt	540
tgtggctgcc	gctcccaact	tacagaacca	gcaagttctg	acaggactac	ctggagtgat	600
gcctaataatt	cagtatcaag	taatcccaca	gttccagacc	gttgatgggc	aacagctgca	660
gtttgctgcc	actggggccc	aagtgcagca	ggatggttct	ggtcaaatac	agatcatacc	720
aggtgcaaac	caacagatta	tcacaaatcg	aggaagtggga	ggcaacatca	ttgctgctat	780
gccaaaccta	ctccagcagg	ctgtccccct	ccaaggcctg	gctaataatg	tactctcagg	840
acagactcag	tatgtgacca	atgtaccagt	ggccctgaat	gggaacatca	ccttgctacc	900
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ctctgggtcc	caggagagtg	gctcacagcc	tgtcacctca	gggactacca	tcagttctgc	1020
cagcttggt	tcatacaag	ccagttccag	ctcctttttc	accaatgcca	atagctactc	1080
aactactact	accaccagca	acatgggaat	tatgaacttt	actaccagtg	gatcatcagg	1140
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gaacatccag	caaaaccaga	catctggagg	ctcattgcaa	gcaggccagc	aaaaagaagg	1260
agagcaaaaa	ccagcagacc	caagcagcac	caaaatcttt	atcccgccct	cagctagtct	1320
aaggggggac	aggccctcca	aggctttcca	agcagcacca	ttgtcagggc	agacctttac	1380
aactcaagcc	atctcccagg	aaaccctcca	gaacctccag	cttcaggctg	ttccaaactc	1440
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tctacagctg	cagaacctcc	aagttcagaa	cccacaagcc	caaacaatca	ccttagcccc	1560
aatgcagggt	gtttccttgg	ggcagaccag	cagcagcaac	accactctca	caccatttgc	1620
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aaacagccca	gatgcccac	cccaagccgg	tcggaggacc	cggcggaag	catgcacctg	1920
cccctactgt	aaagacagtg	aaggaagggt	ctcgggggt	cctggcaaaa	agaaacagca	1980
tatttgccac	atccaaggct	gtgggaaagt	gtatggcaag	acctctcacc	tgcgggcaca	2040
cttgcgctgg	catacaggcg	agaggccatt	tatgtgtacc	tggtcatact	gtgggaaacg	2100
cttcacacgt	tcggatgagc	tacagaggca	caaacgtaca	cacacaggtg	agaagaaatt	2160
tgctgcccct	gagtgctcta	agcgcttcat	gaggagtgc	cacctgtcaa	aacatatcaa	2220
gacccaccag	aataagaagg	gaggcccagg	tgtagctctg	agtgtgggca	ctttgcccct	2280
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catcaacggt	aaagaagggt	gccagttctg	cagccccata	aataccagtg	ccaatggctt	2460
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atcatcagtg	cctctttgaa	ggtgggaaac	attagtga	attctgttgg	tgccacgctt	2700
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ctgcatttct	cttctcagct	cttccatgat	ggattcccc	ccctttccta	aagccatcat	2820
gccttgataa	atatatatga	tcattgaaat	actttttaac	aaaaaacaga	ttctatatta	2880
ttatatatat	atatatatat	aaagatatat	agagatgc	tcacaggggt	tggctgggag	2940
gaggaagacc	attctgtgac	caaaatacct	tggtcatttt	ttttatat	ccttatttcc	3000
cttatggctg	agccttggtg	tgaacatca	agcttttctg	tagatgttgt	cttggtctcc	3060
caccagctta	agcgttcata	tgctctgctt				3090

<210> 6649

<211> 3104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(1455)

<223> similar to gi4680659 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6649

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caggtggtcc	ggcgccctca	cagacaccgt	gtatgacgtg	gtggtgtcgg	gtggaggcct	180
ggtgggcgt	gccatggcct	gtgccttg	atatgatatt	cactttcatg	acaagaaaat	240
cctgttgctc	gaagcaggtc	caaagaaagt	actggagaaa	ttgtcagaaa	cttacagcaa	300
caggtgcagc	tccatttccc	ctggctctgc	aacgcttctc	agtagttttg	gtgcctggga	360
ccatatctgc	aacatgagat	acagagcctt	tcggcgaaatg	caggtgtggg	acgcctgctc	420
agaggccctg	ataatgtttg	ataaggataa	tttagatgac	atgggctata	tccttggaga	480
atgatgttca	tcatgcatgc	tttactaag	cagttggagg	ctgtgtctga	ccgagtgcg	540
gttctctaca	ggagcaaagc	cattcgctat	acctggcctt	gtccatttcc	tatggccgac	600
tccagccctt	gggttcatat	taccctaggt	gatggcagca	ccttccagac	caaattgttg	660
ataggtgcag	atggtcacaa	ctccggagta	cggcaggtc	ttggaatcca	gaatgtgagc	720
tggaactatg	accagtctgc	tggttggtc	actctgcatt	tatcagaggc	cacagaaaac	780
aacgtagcct	ggcagagatt	tcttccctct	gggcctattg	ctctgctccc	gctctcagac	840
accttgagtt	ccttggtttg	gtccacgtcc	catgaacatg	cagcagagct	agttagcatg	900
gatgaggaaa	aatttgtgga	tgccgttaac	tctgcctttt	ggagtgatgc	tgaccacacg	960
gacttcatcg	acacagctgg	tgccatgctg	cagtatgctg	tcagccttct	gaagcccact	1020
aaggtctcgg	ctcgccagct	gcccccaagc	gtagccaggg	tggtatgcaa	aagccgagtt	1080
ctgtttcctc	ttgggttggg	acatgctgct	gagtacgtca	ggcctoggg	ggcgctcatt	1140
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gatatctcca	gcttggccca	tcacctcagt	acggcagcct	tcaatgggaa	ggacttaggt	1260
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gctgctacag	acttactaaa	aaggctctat	tctaccagt	cctccccgct	tgtgttgctc	1380
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tttgcaagca	aatgagtact	cctctcctaa	agaaagatta	cgttgatgaa	aaagaacatc	1500
ctgcccagga	cccatcatac	atattttcaa	gatcttattt	aatttaataa	acttacttta	1560
cattaaaatt	ctctttttct	tctttgctta	atgggcctgt	ggcaccctaa	taatgaatga	1620
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gttattactt	tatcacaggc	accagatttt	ccattttatt	tatgggttcc	tctctgggac	2040
accactggtc	cggtttaata	aaacaataaa	taatttcattg	cacagatccg	aagtacctca	2100
ggaaccagat	cacaagggaa	accgattagc	agcagaattt	gttcatgttt	ggtggcagac	2160
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aggcacacct	ccattggccc	acagagagtg	ttcttcatat	gacaatgatg	ttaaaccacca	2700

tctgtcacgt	accaggccat	gtcctaagta	ttttaaatat	gttaacacat	ctacaaagag	2760
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cgttacagaa	aaaaataaaa	actctcattc	caaattgctc	ctaagatgga	caaattgggt	2880
acttctccag	aaggtcta	caaggttaac	aaaataggta	agttcgtgga	gttagaatgc	2940
atcttccctg	gagttcagag	gtatttgga	tgaccaaagg	agtctgctgg	acagtatgtg	3000
tgttttacaa	aatggccccc	acagtgatta	aagaccagag	acttatatct	ctgcatttgt	3060
caagctggaa	cagtctttag	tgaacacagc	gaattccacc	gcac		3104

<210> 6650

<211> 5732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(4348)

<223> similar to gi3043652 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6650

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ccccttggtga	atgctgctct	ggaaggcaag	ctggctcctgc	tggtatggcat	tcaccgggtg	180
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 <223> similar to gi3043656 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<212> DNA
<213> Homo sapiens

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<223> similar to gi3874279 in the genepept database release 114,
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<210> 6653
 <211> 3821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (44)...(3234)
 <223> similar to gi3297986 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6654
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (77)...(446)
 <223> similar to gil754621 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6655
 <211> 4182
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (195)...(4027)
 <223> similar to gil228047 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6656

<211> 7268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7251)...(1157)

<223> similar to gi2988422 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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agaggcag						7268

<210> 6657

<211> 1778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1642)...(963)

<223> similar to gi3881701 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6657

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gaggacagga	caaaaaggca	tgagacagct	ggacacctgg	agagagggtga	cacaggacag	180
agtcctcacc	cggttgcctt	gggcctcggt	gagctcaggc	tgcagtccct	gggcctggtg	240
gcacccacag	cacggcagtc	tctggctggg	cttcggggag	cccacatgtc	tgatcggcag	300
ggcttggtcg	gccaggcggt	gggcaccaac	gtggtgggtg	ggcagtcctg	ggcttccagg	360
aggcctcctg	gggactcagg	ctcttcagtg	gggtgtgcct	gtcagggtgc	aggtgggttc	420
tgtggctaca	ctcccatcct	gtcttccttc	tgtgttccca	aacctgctct	ggtccctaga	480
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<210> 6658
 <211> 826
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (651)...(342)
 <223> similar to gi9447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6658						
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gccccccata	aagaaaaaaa	tattaccttg	ccagcccccg	gaaaaattgg	gccccccaag	180
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acaccgaggg	ctgcagcgtc	tcgcctggt	gcagcagcgc	cgtgggtccac	atggccagct	720
ggaagatgct	ggccaggaag	atgatggtgc	agctgacacg	cacgcgctcc	agctcatcgc	780
ggggctgccc	ggcgaaggcc	gaggtctgct	ggtaggctag	tgggag		826

<210> 6659
 <211> 3428
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2305)...(1226)
 <223> similar to gi2738898 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6659

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<210> 6660
 <211> 4362
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (40)...(1563)
 <223> similar to gi4240305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6660

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gaaagagaag	aggtcggggg	ccgcctggct	accatgatgg	tgcaggggca	agaatacgag	300
gcaggagggt	ctgtcatcca	tcctttaaat	ctgcacatga	aacgttttgt	caaagacctg	360
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gtatttgagg	agagcaactg	gttcataatt	aacgtgatta	aattagtttg	gcgctatgga	480
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aaaaaaaaatt	aaaaatgttg	ctgggtattac	atcaaacctta	ctctggataa	attttccagt	4320
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<210> 6661

<211> 3050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(2061)

<223> similar to gi5052319 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6661

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ggtgaatttt	tcatgtcccc	caatgacttt	gtcactcgat	acttgaacat	ttttggagaa	180
agccagccta	atccaaagac	tgtggaactt	ttaagtggag	tggtggatca	gaccaaagat	240
ggattaatat	cttttcaaga	atgtgttgcc	tttgaatctg	tctgtgtg	ccctgatgct	300
ttgtttatgg	tagcctttca	gctgtttgac	aaagctggca	aaggagaagt	aacttttgag	360
gatgttaagc	aagtttttgg	gacagaccac	aattcatcaa	catattccat	ttaaactggg	420
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gaatttactc	agtttttatt	ggaaatacaa	ctggagcacg	caaagcaagc	ctttgtgcaa	540
cgggacaatg	ctaggactgg	gagagtcaca	gccatcgact	tccgagacat	catggtcacc	600
atccgcccc	atgtcttgac	tctttttgta	gaagaatgtc	tagtagctgc	tgctggaggt	660
accacatccc	atcaagttag	tttctcctat	tttaattgga	tttaattcgt	ccttaacaac	720
atggaaactca	ttagaaagat	ctatagcact	ctggctggca	ccaggaaaga	tggtgaagt	780
actaaggagg	agtttgttct	ggcagctcag	aaatttggc	aggttacacc	catggaagt	840
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atctcccat	cattgggtacc	caacttgctt	ttaaaatcca	ctttatcttg	aataatgtaa	2940
gacaaatatg	ttctgacata	agtatttaat	tcatgttgcc	ttgcataatg	gtcagaggcg	3000
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<211> 1569
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (102)...(1529)
 <223> similar to gi1006785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6662
 ctctctttcc ccctttgctt tcttccccct ccgctggttg cgagggcaaa gtggccgtgg 60
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 aaccattaaa cgagggtttt ctttctagaa tctctggtct gctgctgtgc agatggacct 180
 gccggcactg ctgtcagaag tgctacgagt ccagctggtg ccagtcaagt gaggatgaag 240
 ttgaaattct gggacctttc cctgctcaga cccctccctg gctgatggcc agccggagca 300
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 ggaggatttc gagtcttgag tcaagacgtc ccagctctcc actcatcgat attaaacca 480
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 cctataaccc cgacgactat ttcaggaagt tcgaaccca cctgtactcc ctgactcca 600
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 tgctgcaact cagcactcag tacgacctgc tgcacaacca cctcaccgtg cgcgtgatcg 720
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 tgtaactgaa ttatctccca agtgctggca gactgaatgt tgatgtcatt cgagccaagc 1140
 aacttcttca gacagatgtg agccaagggt cagacccctt tgtgaaaatc cagctggtgc 1200
 atggactcaa acttgtgaaa accaagaaga cgtccttctt aaggggcaca attgatcctt 1260
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 gcaccgcaca gccgtggagc agtggcatag cctgaggtcc cgagctgagt gtgaccgcgt 1500
 gtctcctgcc tccctggagg tgacctgagg gctgcaggga aggcagcttt catttgttta 1560
 aaaaaaaaaa 1569

<210> 6663
 <211> 620
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (310)...(95)
 <223> similar to gi552415 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 6663
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gcacagctgt gtgtggatga gtgtgcgagg gctgtgcca ggctgtgagc atgaccatgc      180
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atgaattgca tgcgtgtgca catatgtgca tgtgaatgtg agtgtacaag tgtggatgtg      300
cacacacccg cccacagacg tctcagtgtt ctaccctgat tttggtacct agtccagccc      360
cacagctcag catgtgagca cattcgctgc ccatcatctg tccaggcctg aatggagggg      420
cttccatttt cagcgctaac aagggcacgg ctcccagat gcctcgctgg cgctggggcc      480
ggcctctgcc ctgctctcac ttggctcttg ctgaagcctc cccaggctcc gtgggagtg      540
ccagttgaga ctgccacac tcagtgccctg agattccact accagcatca gcttcggggc      600
tttctgcact ttccagtcac

```

```

<210> 6664
<211> 2108
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2109)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (604)...(1425)
<223> similar to gi487836 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 6664
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aacagtgaac cagagaagga tggccaggga caacaaagat tggagctcgg aagttgaatg      180
acagatattc tggagaaaca caccagagat gacaaaaggg tttgtcaaac acagcccaac      240
tcaactggag tcctgagaag gtgaccagac caggatggag gccaggga ctcaccagaa      300
gtccccatgc atcagaacaa ggtcgaagca tcctgacgga gtctcgctct ttcgcaaggc      360
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cttctgcctc agcctcccga gtacgtggga ctacagaaat gctggttaatt tcagtcactt      480
gctgatgact tctgatgtcc cagcaaattg tggcattgtt gactgctgag aagatacttc      540
tgaggacca cgtctaagggt ggacttgggt cgcactcttc tggtagtcc ctgaacagga      600
gtgatgcctc caggcagggt gcatgctgcc tatccagctc aggccagtc ttcgaggag      660
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gctgccaggc cacagactct caaccgccct ggccaggagc tgttcgcca gctcttcaga      780
cagcttcgct accatgagtc ttcaggggcc ctagaaactc tgagccggct ccgggaactc      840
tgtcgctggg ggctgaggcc tgacgttctc tccaaggcac agatcctaga gctgctgggt      900
ctggaacagt tcctgagcat cctgcctggg gagctccggg tttgggtgca gcttcataac      960
cctgagagtg gcgaggaggc tgtggccttg ctggaggagc tgcagaggga ccttgatggg      1020

```

```

acatcctgga gggacccggg cctgcccag agcccagatg tgcattggat gggtagagga 1080
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ggggaccacc tggagcctcc ctatgaaata gaagcacgtg acttcctggc tgggcaatcc 1200
gatactcctg ctgcccagat gcctgccctt tccccgagag aggggtgccc gggagaccag 1260
gtaacaccaa ccagggtccct gacagcccag ctccaggaga ccatgacttt caaggatgtg 1320
gaggtgacct tctcccagga cgagtggggg tggctggact ctgctcagag gaacctgtac 1380
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tacctgacct ggttttagat cctggctctg taactgctga ccagatcact taatctagca 1560
ccttggttagc ctcttttgaa aaatggggag aataatgcct gccattctgg attattgtaa 1620
agattaaagg tggcggggcg tgggtggctca cgctgtaat cccagcactt tgggaggccg 1680
aggcaggtgg atcatgaggt caggagttcg agaccagcct ggccaacatg gtgaaacccc 1740
atctctacta aaaatacaaa aattagccgg gtgtgggtgg ggggtgcctgt agtcccagct 1800
actcgggagg ctgaggcaga agaatacactt gaacctggga ggcggagggt gcagtgcct 1860
gagatcatgc cattgcactc cagcctggcg acagagcgag actcattctt cttttatact 1920
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tcggcctcac tcagctcagg caccgcaggc accgtttggc cgcgggctcc gtaaagctgg 2040
aacccttcag agccggagcg ccgccacgaa atcgtcgacc caggatgtnn naancggtac 2100
cgcaggtg 2108

```

```

<210> 6665
<211> 681
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (531)...(247)
<223> similar to gi65184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 6665
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accgcggatc ggaagtgaga atcccagctg tgtgtcaggg ctggaaaggg ctcgggagtg 180
cgcggggcaa gtgaccgtgt gtgtaaagag tgaggcgtat gaggtgtgt cggggcagag 240
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agggcgaggc ttatccattg cactccggat gtgctgacct ctgcgatttc cccaaatgtg 360
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actggaagtt gaaaggtagt tgttattatg atcgggtgctg ggtctggtac gtgtggtgtt 480
taaaacacgg gctgctgggc agttcgcttt cgttttcacg tttttgtggg ggtagggcga 540
ttgcagcttt ttttctcacc ccgcggggga tccttttagta acgcgccaat tatactgtgg 600
gtttatgttc tccagggtat tgtcgtgaaa acgtcacgat ctcgctgctt ctccaggcca 660
aagccgcgtt tttcctgcaa g 681

```

<210> 6666

<211> 5681
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (199)...(3295)
 <223> similar to gi2443338 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6666

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<210> 6667
 <211> 1886
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (357)...(1885)
 <223> similar to gi2708628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6667

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gtagctgttg	tagctgtcca	gataaagaca	ctgtcccaga	taaccatcgg	aacaagttta	420
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tgtcaaat	gtcagaaagca	ctgccacgag	atgatggtac	atctagggaa	aactagacac	1860
aatagtactt	gatctgcccc	tgtgag				1886

<210> 6668
 <211> 2003
 <212> DNA
 <213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(2004)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1197)...(222)
<223> similar to gi4884104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aagcttggga tggaatgtcc cctatccctc agaagactgg agggaagacg acggtctgtg      180
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gggaggggac agtgggggat ctgttgaaag ccaggaaaaa acaaggggag ctggggctaa      300
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tctgttgctn cgcnctngcc cgc                                     2003

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<210> 6669
<211> 1061
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1062)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (655)...(250)

<223> similar to gi460625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6669

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ccacttcaga	taatggccaa	agcttcatgg	atatctgtaa	tgtgataggc	tgcttcaaga	300
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<210> 6670

<211> 1480

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1481)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (164)...(955)

<223> similar to gi5817194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6670

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gggaggtgc	gggcaaccgg	agcaacagca	gcggcgcgga	cggaggcgac	acaccacccc	420
tgccatcccc	tccggacaag	ggggacaacg	cctccaactg	tgactgccgc	gcatgggact	480
acggcatccg	cgccggcctc	gtccagaacg	tggtcagcaa	gtgggatctt	gtgtgtgata	540
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tctctctttt	ttaaaaaatt	ttattgttta	aactttctgt	cttggaatac	tgttcaaata	1140
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ttaaaggagt	gatttacaaa	agtcccccta	tctcttctag	gcgaggggtg	ggcaaccttc	1380
agcctgtggg	ccacatcagg	cccactgtct	gtttttgtaa	ataaagtttt	attggaacac	1440
nnnnnnnnnn	nnnnnnnnnn	nnnnnannan	aaaaaaaaaa			1480

<210> 6671

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (486)...(1508)

<223> similar to gil325951 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6671

tttctgatac	tcagaagact	cagagactgt	cagtttaaaa	aatgaaagta	atatagaagg	60
ggcaaagtgg	catttatcat	tctatctctc	caggctcctg	tctctttaat	cagctagcct	120
gatttgccca	gtaaatgatt	cctgagagtg	tgtgtgcgtg	tgtgtgtgtg	tgtgtgcccg	180
cgcgcgtgtg	ttgtagctct	gtcaatcctt	ggattagaac	caatgattgc	agctttagtg	240
agggctgtcc	agggccagat	tgtacaatgt	gtctcagtgc	cagagtatga	gtggagataa	300
ttacggagaa	gtcatactct	ctcacaccct	cggctttctt	gttgtgtcct	tcagcaaaac	360
agtggattta	aatctccttg	cacaagcttg	agagcaacac	aatctatcag	gaaagaaaga	420
aagaaaaaaa	ccgaacctga	caaaaaagaa	gaaaaagaag	aagaaaaaaa	atcatgaaaa	480
ccatccagcc	aaaaatgcac	aattctatct	cttgggcaat	cttcacgggg	ctggctgctc	540

tgtgtctctt	ccaaggagtg	cccgtgcgca	gcggagatgc	caccttcccc	aaagctatgg	600
acaacgtgac	ggtccggcag	ggggagagcg	ccaccctcag	gtgcactatt	gacaaccggg	660
tcacccgggt	ggcctggcta	aaccgcagca	ccatcctcta	tgctgggaat	gacaagtggg	720
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aaattttgat	gtgagtgcc	cttccccacc	cgggaaaggc	tgccgccacc	accaccacca	1560
acacaacagc	aatggcaaca	ccgacagcaa	ccaatcagat	atatacaaat	gaaattagaa	1620
gaaacacagc	ctcatgggac	agaaatttga	gggaggggaa	caaagaatac	tttgggggga	1680
aaagagtttt						1690

<210> 6672

<211> 4105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(3703)

<223> similar to gi3327194 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6672

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ccctctgggt	tctcagctaa	gttgaagcgc	tggaaagaa	gccacagcag	cgacagcaac	180
cccgccatct	gccgccaccg	tcaggccgcc	cgcagccgct	tcttcagccg	gccgtcagga	240
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cgcttgggca	aaagcgaagc	cccggagacg	cccatggaag	aagaggcgga	gctgggttctc	360
accgagaagt	cctcgggtac	cttcttgagt	ggcctttccg	actgcacaaa	cgtcaccttc	420
agcaaagtac	agcgcttctg	ggagtccaac	tcggctgccc	acaaggagat	ctgtgctggt	480
ctggctgctg	tactgaggt	gattcgctcc	cagggaggga	aggagacgga	gactgagtac	540
ttcgctgctc	tgatccggaa	ggctgcccag	catggagtat	gctcagtcct	caagggcagt	600
gaattcatgt	ttgaaaaggc	ccctgcccac	catcctgctg	ccatttccac	tgccaagttc	660
tgcatccagg	agattgagaa	gtctggaggc	tccaaggagg	ccaccaccac	gctgcacatg	720
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gagactctcc	tcagggtcat	gaccttgagc	catgtgctgg	tgacagcctg	tgccatgcag	840
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tgtgtctcat	cctgcaaaaa	aaaaa				4105

<210> 6673
 <211> 2650
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1122)...(468)
 <223> similar to gi3114594 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6673

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gggtatgaag	acagatctca	aggtaaagtc	agagagggct	gtcatcagta	tgctggggag	120
tttagggaca	ggaggcattg	gtaggggatt	agatgtagca	gcagtcaggc	tgggatcaag	180
atgcctgggg	ggacatcttg	atcttggcct	ttcagggcaa	gtgggaggct	agaaagggtg	240
cctaggaaaa	gaaacaacaa	tccttcagg	aaagggtaat	agacttggga	tgtgaaggcg	300
ttatgctgaa	aggttctgtc	acgaggggat	cagaggacag	tggggaaatt	gggtgggtta	360
tctagcctgt	actgtctgca	ggtcctgaaa	tttgatgctg	tcatagtctt	tgcagtgggt	420
cggttggaat	gattctgggg	gcagaagctc	agagcccctt	agtaggaatg	gaggcgcccc	480
ttctgctgcc	actgctcagc	cccctccact	gcatgacgaa	gggtggagga	aattcccagc	540
aacatatggc	ccaggccttg	cagcagtggt	gaggtccaac	gaaggagctc	cctgagtact	600
ttctttgggc	caaagtcctt	gaaagtcaca	actcatagag	tagagcccgt	agaatgtggc	660
tttgacattc	aggctgccaa	agaggtctcg	agggttttgc	ttgtacacgt	caaagggtgaa	720
tcgggcgatg	tccttgctgt	gcttgggcct	ctcccgtccc	aggccatatg	acagcactcc	780
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cagcagctgg	aagaagtcct	cactgtccac	tgcagttcca	tcctcctcta	gcaccagggt	900
tagcactcca	ttcagcagta	gggtctccaa	tgctttggct	agcagctcct	ggcgggtggc	960
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tacaaacctg	ggatctcagc	ccaggacaag	gtgggaatga	gtcaagcctg	gactctggcc	1260
cccctgcctg	gccagtaaga	agggcaaagt	ccaaggggag	ggatgagga	ggggccagat	1320
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tgatgacatg	tggtgtgagg	gtagatggga	accatgtaaa	aggatgaaat	gtgacttctg	1440
gtgttttttt	atttctatgg	agggaaatttc	tggggacggt	ttctggctct	caggctctga	1500
gaagctgcag	tttatgagtg	gctctgtgtg	tgctgccacc	tactggagaa	gccataagct	1560
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gttttgata	taccaggtg	gaacaactct	ctctcactgt	ctgttgtag	gatacgctgt	2340
agcccacgtc	attaagtaca	ttctccta	aatgctttg	gactgatcac	cctgccagtc	2400
ttttgtcttg	ggcaatctat	actttttctc	agaggttccc	aaggcctact	gaagggactt	2460
aacatactct	taatggcttt	cctctctgct	tgttttacct	tatgccctca	cttcctgagt	2520

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taacctccca aatacaggggt tcacctgtac ccaagccctt agctcaagaa tacaggatca 2580
cctgtaccca agcccttagg ctcaagctct gctttggaag aacccaaact aagacagtgc 2640
tcccgaatt 2650

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<210> 6674
<211> 718
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (547)...(424)
<223> similar to gi488524 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 6674
cgatggtgaa ctgctaacta ccgcatcccg atggtgaact gccgaactct accgcatccc 60
tatggtgaac tgctaactct gccgcatccc gatggtgaac tgcctaactc tacctcgtcc 120
cgatggtgaa ctgcctaact ctaccacatc ccgatggtga actgctaact ctgccacatc 180
ccgatggtga actgctaact ctgccgcac cccgatggga actgccaaac tttaacctcgt 240
ccgatggtg aactgcctaa acctcttccc gatggtgaac tgcctaactc taccgcatcc 300
cgatggtgaa ctgcctaact ctaccacatc ccgatggtga actgctaact cagccgcac 360
ccgatggtga actgccaaac tttaacctcgt cccgatagtg aactgcctaa ctctaccgca 420
tcctgatgaa ctgcttaatg gcgttgccc tgggtacaca ttgggtgcag ctctgcagt 480
catgggctgc tcacagccgt ggcccttttg gcacaaccat tgttcttct tgtcttgaa 540
acgaggaccc gagggagacc atccgtccat cctaaaattg ggacgttttg tttctgttg 600
ttgagttgga gttatttgta gagtctagag atcagtctct aggagacgtg tgatctgcag 660
acatttcctt ccatctctgg gttgcatttt tctgtccatt gatggtgtcc ttcatgg 718

```

```

<210> 6675
<211> 6531
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4481)...(538)
<223> similar to gi3413852 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 6675
tcacagctgt acaaactttt ttaaaaacaa ggttttgtta caaaaaacag ttctgaacag 60
ttaacattgt aaaaaggtat aaaaatacag ggactctgag cactctgagg aatttcccga 120

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cacatgctct	taactaaggc	ggagagatct	ctgggaagcc	gaagtcaggg	cctgggcctc	180
tgacccctgc	cctgggcctg	gtctccctcc	tctttccac	gatcccatgc	tccagggtcg	240
accagagaca	agggctctcc	ccaatcctgg	ctacggctca	gcctctcaag	gaggaacttt	300
aatgatctac	agtggctcat	cctagaagag	gggggctgga	ctgcaggtgt	tgctgggaag	360
cctctccagg	cctggagctg	gagtaccctg	cctcagcact	gccagcagag	cgctcctca	420
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ctctgggggg	ccggaggggtg	gggagaaggg	tgctgagctc	cttcgaagct	cctgctgcag	600
ctggcccttc	agtgtggaca	ccctctggcg	gtgggcccgc	tcccagacct	ccagggtgcg	660
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<210> 6676

<211> 827

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (469)...(148)
<223> similar to gi871345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6676
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<210> 6677
<211> 2346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2347)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (131)...(2121)
<223> similar to gi4079673 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6677

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gcttatagct gctacaattt ctagtcagat ttcagggttca gtgacatcag aaaatgtgtc 360
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<210> 6678

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(1083)

<223> similar to gi2154755 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6678

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catacagaag	agcaacaaca	aactgcttac	gacaggtttg	gaagccacag	gcgattctat	1260
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<210> 6679

<211> 1972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1973)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (367)...(1612)

<223> similar to gi3005717 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6679

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094887225-012100

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tgggggacgc gctggccaag tgggaggagt gccagcgcca gctgctgctc ggctcttct 1440
gcaccaacgt ggcttcccgc ccgaagctc tgcgcatgcg cgcacccgcc gacccgctc 1500
ccgccccgc ggaccagca tcccgcagc accagctggc cgggcctgcc cccttgctga 1560
gcaccctgc tcccgaggcc cggcccgtga tcggggccct ggggctgtga gaccccgacc 1620
ctctcgagga accctgcctg agacgcctcc attaccactg cgcagtgaga tgaggggact 1680
cacagttgcc aagaggggtc tttgccgtgg gccccctcgc cagccactca ccagctgcac 1740
tgagagggga ggtttccaca cccctccctt gggccgctga ggccccgcgc acctgtgcct 1800
taatcttccc tcccctgtgc tgcccagca cctccccgc ccctttactc ctgggaactt 1860
tgcagctgcc cttccctccc cgtttttcat ggctgtctga aatatgtgtg tgaagaatta 1920
tttattttcg ccaaagcaca tgtaataaat gctgcagccc agaaaaaaaa aa 1972
```

<210> 6680

<211> 1282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (141)...(1178)

<223> similar to gi6013189 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6680

```
cggcaccggg ctctcctgc tgctgggaca gtgctctagt acaacagaca gacctactga 60
cacaggggag gtgagaaggg aggtgaccac caggactggc tctgtgagta ctacacagt 120
gggagggggt gggggccacc atgtcatcat atcagaagga actggagaaa tacagagaca 180
tagatgaaga tgagatccta aggaccttga gccccgagga gctagagcag ctggactgcg 240
aactacagga gatggatcct gagaacatgc tcctgccagc tggactaaga caacgtgacc 300
agacaaagaa gagcccaacg gggccactgg accgagaggc ctttttgag tacttgagc 360
aacaggcact agaagtcaaa gagcgtgatg acttggtgcc cttcacaggc gagaagaagg 420
ggaaacccta tattcagccc aagagggaaa tcccagcaga ggagcagatc accctggagc 480
ctgagctgga ggaggcactg gcacatgcca cagatgctga aatgtgtgac attgcagcaa 540
ttctggacat gtacacactg atgagtaaca agcaatacta tgatgcctc tgcagtggag 600
aaatctgcaa cactgaaggc attagcagtg tggtacagcc tgacaagtat aagccagtgc 660
```

cggatgaacc	cccaaatccc	acaaacattt	gaggagatac	taaagagggt	ccgaagcaat	720
gacaaggagc	tggaggaggt	gaacttgaat	aatatacagg	acatcccaat	acccatgcta	780
agtgagctgt	gtgaggcaat	gaaggcaaat	acctatgtgc	ggagcttcag	tctggtagcc	840
acgaggagtg	gtgaccccat	tgccaatgca	gtggctgaca	tggtgcgtga	gaatcgtagc	900
ctccagagcc	taaacatcga	atccaacttc	attagcagca	caggactcat	ggctgtgctg	960
aaggcagttc	gggaaaatgc	cacactcact	gagctccgtg	tagacaatca	gcgccagtg	1020
cctggtgatg	cagtggagat	ggagatggcc	accgtgctag	agcagtgctc	ctctattgtc	1080
cgctttggct	accactttac	acagcagggg	ccacgagctc	gggcagccca	ggccatgacc	1140
cgaacaatg	aactacgtcg	ccagcaaaaag	aagagataac	actgcatttc	cctttaccaa	1200
ctagcgctgg	gagcactgga	cacttaaate	ctcatctgtc	ctcctttcct	gtaaataaaa	1260
gcccttctat	ccaaaaaaaa	aa				1282

<210> 6681

<211> 2444

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1021)...(737)

<223> similar to gi487836 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6681

ggtgtgtgtg	cactgtcttg	tcaagagcag	tgtccatttg	cttttctgtg	gcaacagtgc	60
acgtgggggtg	ggtggggggg	gcgtacgggtg	gggcttgtag	gttaagatgt	ctctgcgggtg	120
gtgttggtggg	gctggaggcc	gagccaggca	cggcagctgg	ccctctccag	gcgcattggag	180
gaattctccc	tttgccgttc	caaggatgcc	gccgcctcct	accggggctc	ccgggggggt	240
cagccaacac	tacaaagggc	agcgagtcct	cagggcgccc	gggagccacc	agtctgctct	300
cgggctctac	tcagactagc	gccaacagtc	tccgcggaca	gactcgcatc	agccgccttg	360
gggctcggcc	tcctcccata	ggctcctctt	cctctctttc	attcaagtct	tcaaactttg	420
aaaaaaaaat	gagcttttgc	caaataagac	gggatagttt	atggagtttt	ctgaggcgca	480
ttgaactctg	gtcagccctt	cgagcgtggg	ctcggccatc	agcaggcccg	gtgggttggc	540
cgggctggcc	ctcccaggct	gcctttctct	ctggtcgcg	cctggcccg	cccgccctcc	600
accgccgcaa	ttcatgctgg	tgccgcgccc	gcagccccc	tcctgggtatg	cctgagattc	660
tccaggggccc	aagccgggtc	tccttcccgg	cccactcttc	cagggccagg	acgtccccgc	720
ggagccagcc	catcgtggct	gggggtccca	ggggtggag	gcctgcctgg	ttagcctctg	780
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ttcaagtcc	tgtgcccctga	ccaagttagt	aggaaaagag	ggctgagggc	ctggagggtg	900
gctcgacccc	cctcgaaccc	acctagatgt	ctcctcctcc	ccagcctatg	agttcagact	960
tgggggggctc	catctgtccc	tccttgagg	ccctcatctt	gtccctgtct	tgattctgtc	1020
agcagatcct	gaacactcct	tgggtggggac	ccatgcctcc	aaggctgccc	ccaatgccag	1080
ctgtcctggg	gaaactcccc	agaactctcg	gggaaaggcc	cgagaacctt	cggagggaagc	1140
ctccgggact	cctcgccacc	tgtctgttt	ctctcccggc	cccactgcct	tcagggtatca	1200
ggaagagggc	aggccccctgt	gccccctctc	cccttcccag	ggcgcccaac	aatactccac	1260
catggggcgc	ttcctttctt	ctctggaaac	taagacattg	gactgaagga	actggcctga	1320
ggggggctga	ccggggggccc	gtgctgctgg	gagctctacg	cacaagaggc	cgccggggctc	1380
acggacagga	acctcagccc	agggtgctgg	cctttctcct	tcgcaggagt	cccccaaaat	1440
ccacacagcg	actcgagcag	ccttccactc	agccagagga	gggtcgggct	ccccgcctg	1500
ctctcggtgg	tggcgtctgg	cccttccctg	cgtttccaag	gcctccggaa	gcaccaaccc	1560

09480725-012100

```
agttctcagt tacctcctct ggccggaagg cctcacgttg tcctccagag ctgctctggg 1620
cccagggctg gctccgtgac cacctgatgg acgtgctggg cagcatgggc tccaaggca 1680
gcatccccag ctgctctccc accccacccc agctgcccgg cggctgggccc cacgagggct 1740
ctgggggacac ttccatagga aaggggcctg gcactttgtg attgccacgt gtttcctggt 1800
aagccgcctg cccccagtgc aaatctctgt gttttgctct ctctgaaca aaaatgtaaa 1860
ccgacgccgg aaagcaaatg gtatcgaata cctttcttgc ccataagggg ttttacaag 1920
aacgtgtctc actaggaact aggacactca tcggcccggag accacctgat ggacgtgctg 1980
ggcagcatgg gctcccaagg cagcatcccc agctgctctc ccaccccacc ccagctgccc 2040
ggcggctggg cccacgaggg ctctggggac acttccatag gaaaggggccc tggcactttg 2100
tgattgccac gtgtttcctg ttaagccgcc tgccccagt gcaaatctct gtgttttgc 2160
ctctcctgaa caaaaatgta aaccgacgcc ggaaagcaaa tggatcgaa tacctttctt 2220
gcccataagg gttttttacaa agaacgtgtc tcactaggaa ctaggacact catcggcccg 2280
agaccaactc ctggataaaa ggaataagga gaatcgtgtt tgtaacgagt tacaggattg 2340
tttctttcct ggatttttaa cttttgttaa attgtgaaat tatggaggag ttttatagaa 2400
aaaaaaagtg aaataaagtc agatgggaaa gcagaaaaaa aaaa 2444
```

```
<210> 6682
<211> 1541
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1542)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1236)...(354)
<223> similar to gi4589283 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 6682
gttttttttt aagattccac ttctcagttt atttctgggg actaaatttg ggtcagagct 60
tgcagagaag ggattggggc ctgagcttga ggatgaaagt gccccagggg gattgagacg 120
caacccccgc cctggacagt tttggaaatt gttcccaggg ttcaactaga gagacacggt 180
cagcccaatg tgggggaagc agaccctgag tcaggagagc atggggctag gggctggaga 240
gatgaacatt ctcaacatct ctgggaagga atgaggggtc tgaaaggagt gtcagggctg 300
tccctgcaag caggtgggga tgccggtgtg ctgagtcctg gggatgactc aggaattggc 360
ctggatgggt tcctggatcc actttgggtg acttgcagaa gttcgtgtag acaccccggt 420
cttgtttggg cccgggcaca agggtaatct ccccaggaca cgagtccttg cagggaacca 480
ttgcagacca caggccccc agaatacccc tggcaagagt ctctacctgc tttgtcaccg 540
ggcgagaaca tgggtgtcatc tatctgtctc gggtaagcat cctcgcacct tttctgactt 600
agcacgtgta tattcaagca ctggaggacc ttagggaagt gcacttgggg gctcttggtt 660
gtcccccagc cagacaccaa gcactttgtc ccagcagagg gacaatgaga ggagacgttg 720
atgggtctga catctttagt gggacgaatt cttctgttca gtttgatgag catgaggtcg 780
ttagagtggc caggggtggg gtagccaggg tgggggatgg atttgacccc ctggaacatc 840
tgctgccagc attcataaac tggtgacagg gagtagtggc cgagacggac tctgaaaact 900
ttcttctgct agtgggcggc cgtgagcagc cactgtggat gcaccaacac cgccccgcag 960
tagagctggt tgggccttag caacagcgcg gcctgccacg gctgggtgtg catatcgag 1020
```

00489725 04000

tcggatccat	tgatgatgcg	gctgctgctg	tcacccgacc	gggcgtcttc	cccggcccca	1080
gctcccaggt	cctggttgct	cccagagggc	acggtgttag	aggggtggtc	acaggaaaca	1140
tcattgttgg	cgagaacatg	ctctgtgacc	cccagaagca	aggctgtgat	cagagcacag	1200
agcaccacaca	tccagggggg	tcttgctgta	gccatggccg	ctgcacctgg	atggggaatg	1260
tcagaggggtt	gggagggcca	ggcgatccgg	ggagccctta	acccacttcc	cctccctccc	1320
ctaccttatt	tccccaggta	gagaggaacc	acaaggacgg	gccaccatcg	gcactgcgct	1380
gagacccagg	cactatagaa	ttcagaagat	aggagtctag	cagcctccag	acagggcaag	1440
gagggggagna	gaaagatgtg	ggtgcaggac	gcacagacac	ctctccttcc	ctgcctgntg	1500
aggaattcct	ccgctctggg	ctagtgggtca	tcgatttcca	t		1541

<210> 6683

<211> 1437

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1061)...(292)

<223> similar to gi3581866 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6683

gccccataaa	aaaaatTTTT	ccttgccagc	ccgggtcgta	aaatttgttc	cttttaaacg	60
gccccccctt	TTTTTTTTTT	ttctggctgc	aaatogTTTT	tatgggaacc	tgcaggggtga	120
cccggcacct	tgctaactgg	gcttagagtc	taagggtctg	ggggctgcat	ctgatacagg	180
ttggagtttg	gggtgggaga	gtcctaggaa	gggggcccc	agtagaaatg	agagaaatca	240
ggaagggata	tcgggggctg	ccacgggggt	gctccgactg	gccttgccac	cgtaccccag	300
ctctgcaccc	cccgtcacga	gcagttcaat	gcccgtgcag	aagttggctt	cggaggccag	360
gaacactgcc	gcagccccga	cctcagcggg	ctggcccatg	cggcccagtg	gctggatctg	420
aaccccactt	ctacctgggc	cagcatgccc	tctcggattg	tggccctagg	gtctggcatt	480
aaggctgcc	gctcctccca	cagcgggggt	cagatgtttc	ctggggagat	acagttgact	540
cggacaccat	atggactttc	atccagggcc	aaagctttgg	tcattggctgt	tactgcccc	600
ttggtggcca	cataggggaa	tgccctgggc	tggccgattg	ccccaccag	gctggagatg	660
ttgatgacat	tcccttgact	cttccgcagg	taggggaggg	cgagcttggt	caaggtgtac	720
gtccccagta	ggttcagctc	cagcagctgg	cggaatccct	gggcagaggt	ctcctcaggc	780
ctctgtgggg	gtgggtgggtg	gccagcgttg	ttgacaacac	aatccaggcg	gccaaatcgg	840
cggatggtct	cagaaaccag	ggtcttcaca	tcattcttct	gagtcacatc	acagaggata	900
aagacagctc	cagggagctc	ctgctccagg	gcccggcccc	cagactcacc	cttgctgcag	960
ataaaccactc	gggccccgct	gttcacgaag	gcgcgcacga	tcccagctcc	gatgccgcgc	1020
ccgcccccg	tcacgaccac	caccttcccc	gcatagcgcg	ttcccgtagc	catcccgtgt	1080
acgtcggctc	ctctctctct	ctactctggg	cctctttcac	ctccaaagcc	ccgtgaggcc	1140
gtcgcacaa	atcctcaata	gaggctggat	cctggaagtc	cggcctcggg	gggcgttgcc	1200
aggaaggcta	gagacctgga	agtttgtccc	cagccccctc	tccctcagac	actcctctct	1260
tcccacagac	ccaggaatcc	aggagcccca	gtccctctct	ccacagaccc	aggaatccag	1320
aagcctcagt	ccctcctccc	tcagactcgg	gagtcagggc	ccccagcccc	tcctccttca	1380
gattcgggag	tccagcaacc	cagcccatat	atccctcaga	cccgggagtc	cagcctc	1437

<210> 6684
 <211> 1013
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (987)...(854)
 <223> similar to gi4336401 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6684

gctcgacttt	tttttttttt	tttttttttt	ttttgcagga	acactatatt	tattaggtca	60
ataattcatt	tttagcaata	caagtacaga	atatatcaca	atgctggtta	caaacatact	120
tagtatgggt	taatagttac	aaataacggt	gggcactaca	agttggtgag	aatgatgaaa	180
ggtcacacct	acacaatgaa	gaaccgtctt	caaaaatcta	tttaatgacc	ttagatattt	240
ctatagaaat	tattgtggca	ctattagtgg	ggattttcac	gtaaagattg	ttagtgtttt	300
gtttttaact	gttccattaa	gaacttttta	ttttgagcct	attaaactaa	aatcccctgt	360
tgcttaataa	agtataaaaa	tagtactgac	ctggtaatat	ttaataaaac	gtagcattca	420
ttcacatcat	aaaagtagaa	ctgaaaagtt	ttagttacca	tggcaaaata	tcttcccata	480
aaaggaatat	acagaaatga	gtaatgttac	acaaacggta	cctgcaatgg	ttatttagtg	540
atccaacact	taactgtgca	ccacaaacca	agttttctag	atatctatat	ataggatata	600
tttttaatct	taaattttac	tcttgaaaaa	catgtgcact	tcaacaaact	cactaaggcc	660
actcatgcta	tagataccta	ggattgcaat	taaagaatag	tattatgcaa	taaatcctaa	720
agcacactcc	ttctgattat	caacagggta	aaaccagttt	tctgcctaaa	acattcctga	780
gatttatgga	caaagaagt	actggtgaag	ctggagatta	atccaaatgt	catattaaca	840
acaaaaaatt	tcctagccag	gcgtggtggc	aggagcctgt	aatcccagct	actcggaagg	900
ctgaggcagg	agaatcgctg	gaacccggga	ggcggagggt	gcaattaacc	aaaacggtgc	960
ccttgccctc	ccagcctggg	caacaaaaaa	gaaactccgt	tttaaaaaaa	aaa	1013

<210> 6685
 <211> 1478
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (576)...(200)
 <223> similar to gil493827 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6685

tttttttttt	ttacgatttt	caccaacttt	attggctccc	gccgggaccc	tcgccgccca	60
cctccccgct	agatgtcacc	ggccctccat	gacatccagc	acattcaaaa	gcattgcggc	120
gacgaccatg	aaaaagggcc	tttgctgggc	ggagccagct	ccctgagggc	gggcgtcagg	180
ggtcatttgc	tccttcgtcc	ttctgactct	cgtcttctt	gggcagcagc	acggcctgga	240

tggtgggcag	gacgcccgc	ctgagcgatg	gtcactttgc	ccagcagctt	gtttaactcc	300
tcgtcggtgc	ggatggcgag	ctgcagggtg	cggggaatta	tcttgggtct	cttggtgtca	360
cgcgcgcggt	tgccagccag	ctccaggatc	tccgcccgtaa	ggtactccaa	caccgcccgc	420
aggtacaccg	gcgccccggc	gcccactcgc	tccgcgtagt	tccctttgcg	cagcagtctg	480
tgcactcggc	ccaccgggaa	ctgcaggccc	gcgcgggagg	agcgggatct	ggcctttgct	540
cgacttttgc	cgccctgttt	cccgcgaccg	gacatgatca	cctctcgcct	acaactccag	600
agacggagac	aaaccgctct	cgcgctccgg	taccggaatg	caacgtaccg	caccggaact	660
gcctctacaa	actcttttac	gccgcgcggc	agcccctttc	cattggctct	ggcgaccaat	720
gacaggcaag	ctccgctccc	aactagcgct	ctggaagaga	gaccgcctcc	tccagctctc	780
tccaatcaat	agagcaatct	ccgaatcctc	atttacatag	ccgctcatat	aaataacgag	840
gccagccggc	tcagtctttg	gggacccaga	tgaatttagc	gggtacgggt	ttttcacgac	900
cacgctcgct	tccaagcaca	taaactcgta	ggaaataaga	aaacatgggt	tgaacagaa	960
aacaatccag	aagaagagct	acaggggttg	tccgtagacg	ttgctatgct	aagtggatgt	1020
tctcatataa	tacaccgtac	tactcaggta	ggtttctgtc	tccgcagccc	gtgctgctta	1080
tgcgaaacaa	cagcctgtcc	gcggaattct	gcctgcccag	gacaggggtc	gtggactgtt	1140
tcttatacaa	gcgccttgcc	tccagctagc	taccaaacag	tgtagagacc	accctgggtct	1200
ccccgcaggg	tcttgccgct	cacagccagc	caatcgttca	cttttgagtc	tgaagctaga	1260
gtgatgacca	gacgtgaatg	cttctctgtc	tgacgggagg	aacaagctcg	cctagccaaa	1320
atatcttttg	tctttgaggc	tatgggcctg	caaagagcca	ctagggtttta	ttggagaggc	1380
caaagtcttg	gccttggtct	gtcccccgca	agccaggggc	ccacagatca	gcggatcggg	1440
tctctggga	agacgtggag	gtcccccggg	tctctttg			1478

<210> 6686

<211> 3380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(3065)

<223> similar to gi3811347 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6686

ctgatacccc	agcttggcac	ggggacgcag	ccatggcgga	ggcggttttg	gaagccgtgc	60
ggagcgagtt	acgagaattc	ccggccgctg	caaggagagct	ctgcgtgcct	cttgctgtgc	120
cctacctgga	caaacccccca	actccgctcc	acttctaccg	ggactgggtc	tgccccaaaca	180
ggccgtgcat	tatccgcaac	gctctgcagc	actggccggc	cctccagaag	tggctccctcc	240
cctatttcag	agccacagtg	ggctccacag	aggtgagtg	ggccgtgacc	ccagatgggt	300
acgcggatgc	cgtgagaggg	gatcgcttca	tgatgccagc	tgagcgccgc	ctgccccga	360
gcttcgtgct	ggatgtgctg	gagggccggg	cccagcacc	tggagtctc	tatgtgcaga	420
agcagtgtct	caacctgccc	agcgagctgc	cccagctgct	gcctgatctg	gaatcccatg	480
tgccctgggc	ctccgaagcc	ctgggaaaga	tgcccgatgc	tgtgaacttc	tggctggggg	540
aggcggtgc	agtgacttct	ttgcacaagg	accactatga	gaacctctac	tgctgtgtct	600
caggagagaa	gcatttctctg	ttccatccgc	ccagcgaccg	gcccttcac	ccctatgagc	660
tgtacacgcc	ggcaacctac	cagctaactg	aagagggcac	ctttaagggtg	gtggatgaag	720
aggccatgga	gaaggcagag	gtgtccagga	cctgcctgct	cacggttcgt	gtcctgcagg	780
cccatcgct	accctctaag	gacctagtga	ccccctctga	ctgctacgtg	actctctggc	840
tgcccacggc	ctgcagccac	aggctccaga	cacgcacggt	caagaacagc	agtagccctg	900
tctggaacca	gagctttcac	ttcaggatcc	acaggcagct	caagaatgtc	atggaactga	960

aagtctttga	ccaggacctg	gtgaccggag	atgaccctgt	gttgtcagta	ctgtttgatg	1020
cggggactct	gcgggctggg	gagttccggc	gcgagagctt	ctcactgagc	cctcaggggtg	1080
aggggagcct	ggtaagttga	atttcgcctg	cagagtctgg	ctgaccgtgg	cgagtggctc	1140
gtcagcaatg	gcgttctggg	ggcccgggag	ctctcctgct	tgcacgttca	actggaggag	1200
acaggagacc	agaagtcctc	agagcacaga	gttcagcttg	tggttcctgg	gtcctgtgag	1260
ggtccgcagg	aggcctctgt	gggcaactgg	accttccgct	tccactgccc	agcctgctgg	1320
gagcaggagc	tgagtattcg	cctgcaggat	gcccccgagg	agcaactaaa	ggcgccactg	1380
agtgccctgc	cctctgggtca	agtggtgagg	cttgtcttcc	ccacgtccca	ggagcccctg	1440
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<210> 6687

<211> 1611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1505)...(161)

<223> similar to gi5870834 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6687

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<210> 6688

<211> 3401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (751)...(2472)

<223> similar to gil050530 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6688

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agagacgggg	ttttgccatg	tttcccaggc	tggtcttaag	ctcaagcgat	ccgcccgcct	240
cggcctccca	aagtgtctgg	attacaggcg	tgagccgatc	ggctcctggc	ctcctgtctc	300
tttcttcccc	gcgcccaatc	atgtgttccc	actcagacgt	gcttgattgg	cggtagcagc	360

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<211> 2622
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (83)...(2325)
 <223> similar to gi53466 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6689

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2622

<210> 6690

<211> 1558

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1533)...(529)

<223> similar to gi4809026 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6690

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aacacaatgt	aacactgaag	gtgaaaaatc	taagctcacc	caaagctgcc	aggtctaata	180
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tcagtttcac	catgtctgaa	atctttaagg	acagaagtga	taaaatgtta	tcttcattct	360
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taatctttca	aaaagatatt	cagtgttcaa	aattcaagaa	tgcaatatca	atacacaatg	480
ggcattaggt	gaatatacac	aatacogatga	gagcaaatta	atttatttag	tactttttcc	540
attccatata	atcaggagga	ttgatttcaa	ctttcctttt	acctacatca	gaccagttgg	600
tactcaaaac	tgtaccaccc	gactccataa	aggatttggt	catggcacgt	ttcacttcat	660
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<210> 6691

<211> 2179

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1880)...(973)
 <223> similar to gil695155 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6691

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gaaaaagcca	atacgcaaga	ggctaacaca	actgtagtct	aaaggcaacg	tcgaggtcac	120
tgatatgtcc	ctcagacaag	aggcaactgt	cagaatcccc	ctgtgctggg	ggtgagggaa	180
ggagggggacg	gtttaggaca	gaggaataaa	tacatgtggt	tgtgggagtt	ctgccatcag	240
ggatggtggc	cccagcccag	gaccccaaaa	ccctgaggcg	gtgcagtggg	ctgccaaccc	300
cccagctcgg	ggttcccca	ggctgcctca	gtgtttggat	gggctggaag	gaaatgctga	360
ggttctggga	gggccccatg	gccagcccc	tcttccact	ctagccagag	gagagccaag	420
ctcccgctg	gccaggccc	tgggtaggg	agcagtggc	ccaagaggc	tttctggtgt	480
caatgtctca	tgcagcgtca	ggtggtgagg	cctgggcctg	gccctgaggc	gggagtggg	540
gtgacaggcg	aggctgggg	gggccctggc	acctgcagct	ttgggctgcc	catgtgtgtc	600
tgtgacatc	ccgactatgg	tccacggccg	ggaatggtgg	gcagacgggg	ctgctggcag	660
ccctcagcct	tatagtgtgt	gtgtgggggt	gacgaggggt	catgaggaca	gggatggggc	720
tgggcgtctc	tggtaaggac	cagtaagtgc	caggcaggac	gtactctgaa	ggctcagccg	780
tggcccatct	gggacacagc	cctgctccc	aaggggctcc	aggggaactg	ctcagccagg	840
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aggtgactgg	gtgagcgtga	acagggcgtg	gggtgcgcgg	ggcgggtggc	cgtgtgaccg	960
tgcccgggcc	tcagaagacg	aagcagcgtc	ccgtgggggt	gcccacgtgg	tcccagggtg	1020
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tcctgagttc	ctccagctca	ggtcgcagca	ggatgtcctt	ctcggctctg	ttggcaaaaga	1260
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tcggggtgat	gcctgtccct	cccgcgatca	tgcccacaga	cttactgtc	ctgatgatag	1380
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gccgcagcgg	gtacttgatg	tccgggctct	cgagggtgat	ggctggcgtg	gagcgtgga	1800
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ccgccgagac	cgtcgcgccc	gggccgcgct	cactccggag	caggggcggg	gccgaggggc	1980
cagggcggcg	cgcggggcgg	ggcgggcgcg	ggggcgggga	ccgggtcgct	ccgcctgctt	2040
ctgccgggga	tggagactgg	gaactgggga	tgcggccctc	tgcgctccga	gctctccgcg	2100
gctgtgctgc	ccgcgcgggg	acggtggcct	ctctgggcct	cgttcgccgc	cataaaggaa	2160
gcaagatggc	gccccccg					2179

<210> 6692
 <211> 1911
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1812)...(785)
 <223> similar to gi556389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6692

tttttttttt	ttaccagtat	agaaatttat	ttgaattcaa	aataatatgg	ctatatattat	60
aataatataa	taattatcta	aagcaaatat	catcattggc	tctgaaatgc	gtctaaagat	120
gtcattctta	agtcaaaaaa	tatgtagtaa	gaatgtccaa	gaaagaaaaa	aatataaaac	180
caagtctgct	gagtgtcggg	agttggtgag	ggatatccta	ccatattgtg	acggagtgca	240
aatagaaaac	atgcagcaac	agttctcctg	ctttatcagc	tccctggaaa	ataaaccagt	300
aacctgggta	gtgcagtaac	catttggtta	acaggacaaa	cttcctgatg	gacacagata	360
gtaattcact	gcatttccct	tctctaactt	ctctcttcac	accaattcct	tttctttcct	420
ttaagatggg	tttcatcctg	ttgacaaaag	atttggtttt	atttgtaaag	taaagcagat	480
aatatcctga	ttgaagtatt	caatgattta	gttgaggatg	cttggggatc	aaactttgta	540
aaaagggtcaa	ttaagctagt	tagcagagac	tatcagtggc	ttgcagaaaa	aaaattcgga	600
taatattgtt	gttaaaaaga	caaaaagaat	aagcggtgaa	aaatcctagg	gattactgtg	660
acctagacaa	tcaaaagcag	ataggtgacc	tttgattaaa	tccatttact	tgtggagtga	720
gctaaaagga	ggctccaaga	cagagtttgg	ttcccaacag	tgtccgtggc	caaagggcac	780
actcagaagg	tctcctcctc	tcgtaggaac	tggaaacacg	atgagaagtc	tttctttgag	840
tagccctttg	cacacatcat	cctgtagatc	tgatgggcca	gactgccaa	aaggattggg	900
ctctttgtgc	tggtagcaga	gtcttgtgcc	aatcccagat	ccttagccat	gagtgttggt	960
ccaaatccac	cctgatagtt	attagccgag	ggaacgccat	ccatcactcc	aggtacagga	1020
ttataagtgt	cacttgacca	acaccgtcct	gagctcatat	ttaggatttt	agccagtagt	1080
tttgggtcaa	gccctaacct	gattccaaga	ttcatagctt	cagcagttcc	aatcatacta	1140
atagctaaca	gcattgttgt	gcagatcttt	gcccgtgcc	cagtcccaac	agctccacag	1200
tacaccacgt	tggagcccat	gcaccccagc	aactcttggg	cagcagcaaa	ttcatcttca	1260
actcctccca	ccataaacgt	gaggttccca	gatcgtgcag	ctcctacacc	accagaaaca	1320
ggggcatcca	tgaaaaactgc	tcccattttc	tcaacttctt	tggccaattc	ttttgaaact	1380
gcaggatcaa	tagtgctgga	atctattaat	aatgagccct	tcttcacttt	ttttagaatc	1440
ccatttgctc	cgggaataagc	ttctattgca	ttgatactgg	tgggcagcat	tgtaataatt	1500
ctgtcagctt	tttcagcaac	atctgctggg	gaagatacta	cctgttcacc	tgcattctga	1560
aaactctttg	aggcatcagg	gaacacatca	taaataataa	gtggatagcc	atgtttcatg	1620
agattttttg	ccattggatt	ccccatgttg	cccagtccaa	tgaatccaac	tggagtcttt	1680
gaagccactg	acctagaaca	caccgctgca	aagctgccgg	ctgccggccg	cagccgcccg	1740
ctccagtacc	ggagaccgga	ggcagctccg	aggagccgta	aggaggctgc	catgctgcgc	1800
ccgcccctct	ccccgcggtg	acctccgccg	cctcccgagg	ggcccacaga	ctgcgagcgt	1860
gtgcagcggg	actggctggc	cggacgcgtg	ggtcgaccca	gggcatctgc	a	1911

<210> 6693
 <211> 3092
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (558)...(2945)
 <223> similar to gi4589476 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6693
agcacctgct ccacagatgg tttggcactg atatgcagat gattaatttc acaactgggtg 60
aattccagct caccgaagct tgcccttacc tgggtacgca ttctgaggaa tccaggtttg 120
gcatcctcca cttacatctg cagccttttg aaatgaaaag ggttggcgta gttttcacac 180
ctgctgacta tggaaaagtt acctcactca tactaatccg gaataacttg actgttattg 240
acatgattgg cgtggaagga tttggagcaa gagagtattt aaaagtgggt ggaagacttc 300
ctggtgcagg aggctcactc cgatttaagg tgcccagagtc cacgctgatg gactgccgta 360
gacaactgaa agacagtaag caaattttat ctattacaaa gaactttaaa gttgagaata 420
ttggacctct tcctataact gtttcgtctc tgaaaattaa tgggtataac tgccaagggt 480
atggattcga ggtgctggat tgtcatcagt ttccctgga cccaaacaca tcccgcgata 540
tcagcattgt gttcactcca gactttacct cctcctgggt aattcgggac ctaagtcttg 600
taaccgcagc ggacctagaa tttcgcttca ctctcaatgt gactctccct catcacctgt 660
tgcccttggtg tgcagacgtg gttccaggac ccagctggga ggagtcattt tggaggctca 720
cgtcttctt tgtcagtttg tccctgttg gtgtgatttt aatagccttc caacaagcac 780
agtacattct catggaattc atgaaaacaa gacagaggca aaatgctagc tcctcttcac 840
agcaaaacaa tggctctatg gatgtaatca gccccattc ttacaaaagc aattgcaaga 900
actttctcga tacatatggc cctctgata aaggcagggg gaagaactgc cttccagtga 960
acactcccca aagcaggatc cagaatgctg caaagaggag cccagccacc tatggtcatt 1020
ctcagaagaa gcacaaatgc tcagtgtatt acagtaacaa caaaaccagc acagctgcgg 1080
ccagcagcac cagcacgact actgaggaaa aacagacttc acccctgggc agctcactgc 1140
ctgctgctaa agaggacatt tgcactgatg ccatgcgtga gaactggatc agcctcagat 1200
atgcaagtgg cataaatgtc aacctgcaga agaatttaac ctttcccaa aacttactga 1260
ataaagaaga aaacacactg aaaaacacaa ttgttttcag taatccttct tcagaatgta 1320
gtatgaagga ggaataacag acatgtatgt ttcctaagga aactgacatt aaaacttcag 1380
agaacagcgc cgagttcaag gaacgggagc tctgtccact gaagacctcc aagaaactac 1440
ctgaaaacca tttaccaaga aactcacctc agtaccacca gccagacttg ccagaaattt 1500
ccaggaaaaa taatgggaat aaccagcaag tactgtcaa gaatgaagta gatcatttg 1560
aaaatttgaa gaagggtggac acaaagcctt cttcagaaaa gaagattcac aaaacatcta 1620
gagaagacat gttttctgag aaacaggaca tacctttcgt agagcaagaa gatccttata 1680
ggaagaaaaa gcttcaggag aaaagagaag gaaatttaca aaatttaaat tggagtaaaa 1740
gtcgaacatg tagaaagaac aagaaaagg gtgttgctcc agtctcaagg cctcctgaac 1800
agagtgatct aaagcttggt tgcagtgact ttgagaggtc tgagctgagc agtgacatca 1860
atgtaagaag ctggtgtata caggaaagca ctaggagggt ttgtaaagca gatgccgaaa 1920
ttgcaagcag tttacctgct gccagagag aggcagaagg ttactaccag aagcctgaga 1980
agaaatgtgt ggacaagttc tgctccgatt ccagctctga ctgtgggagc tcctctggca 2040
gcgtgcgtgc cagccggggc agctggggga gctggagcag caccagcagc tccgacgggg 2100
ataagaagcc catggtggac gcccagcact tcctgccggc cggagacagt gtttcacaaa 2160
atgattttcc ttctgaagct cccatctcct tgaatctttc tcataacatc tgcaatccca 2220
tgaccgggaa tagtctccca caatacgcag agccttctctg tcccagcctt cctgccgggc 2280
ccacaggtgt tgaagaagat aaaggtcttt actcacctgg agacctgtgg cccactccgc 2340
cagtgtgtgt gacaagcagc ttaaactgca ccctggagaa cggcgtgcct tgtgtgattc 2400
aggagtcggc cccggttcat aatagtttca ttgattggag tgcaacatgc gaaggccagt 2460
tttccagcgc atactgtcca ttggaattga acgattacaa tgcctttcca gaagaaaaca 2520
tgaactatgc caatggcttc cctgtcctg catagtcca gacagacttt attgatcaca 2580
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gtttccatcg agctctcggc cctacctcaa aagcaccocg aaagcttggtc tcccaatgtc 2700
tggacttttt ggtcccatcc tgggccccgc caaagcgatg tgtatgaaaa ttgctgcccc 2760
atcaacccca ccacggaaca ttcggacccc acatggaaaa ccaagcgggt cgtgtgcaag 2820
gaatactacc cggggttcaa acccgtttcg cgcctatatg aacctggaca tatggactac 2880
cacacgcgaa taggaatgca aatttcccac tgtctagaga ctcgagttac tgtgggaatg 2940
tgtgaaaata attggatttt taatacaatg tgaataaaga ggcttgtgtt ttgattacta 3000
gtgtaaactg gttattgaga tagattatga cattgttggg tattttggca cttttatatg 3060
aaaataaatt ttttaatgaa aaaaaaaaaa aa 3092

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<210> 6694
 <211> 754
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (391)...(741)
 <223> similar to gil340174 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6694
 ctagtccagt gagctggaat tcgcgcccttc aacttgccag gcactaatta gactagcgca 60
 gagaaacggg gataagtact gatgagggtc ccagccctca gcgatcggat ttcagagggg 120
 gagataaagg actgcccaaga aggggtggtga gtggagtagt tgatataaac aacgaggtgc 180
 gatgaaatac acaggaggggc tgctaatacac atatgggggtg ggtgccgagg gcccttaatt 240
 aagggagggt tcctggacgg gtgacaccca agcggaggtcc tgacgacccg cgtcagaagt 300
 agtcaggcga ggaggagggg aaaggaatcc acgtcccaag cagagaagca gctttcccta 360
 cacagcacag gacacgggtcc gcgcacagaa gccgcaggag acgcaggcac aggggctggg 420
 gagaatcctt gctgggccct cgccgcctcc ctctgccggg tgtctggtgc cagcctcctg 480
 cctggcagag gagctccagc ccctgctccc ggaagcccct ccaggccttc ggcttccctg 540
 actgggcatg ggcccctcgt cccctcgtcc cctcgggtac ggggccggtc tccccgcccg 600
 cgggcggcga agtaaaggcc cagcgcagcc cgcgctcctg ccctggggcc tcgtctttct 660
 ccaggaaaac gtggaccgct ctccgccgac aggtctcttc cacagacccc tgtcgccttc 720
 gcccccggtc tcttccggtt ctgtcttctc gctg 754

<210> 6695
 <211> 2297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2298)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (73)...(1965)
 <223> similar to gi3808148 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6695
ttgcagccgc gctgcgcgca ccgcgggctc cgggctcaga agtgcgggacg cccgggtccc 60
ggcgtggacg ccatggtgct gtgcccgggtg attgggaagc tgctgcacaa gcgcgtgggtg 120
ctggccagcg cctccccacg ccgtcaggag atcctcagca acgcgggtct caggtttgag 180
gtgggtcccct ccaagttaa agagaagctg gacaaagcct ccttcgctac tccgtatggg 240
tacgccatgg agaccgccaa gcagaaggcc ctggaggtgg ccaaccggct gtaccagaaa 300
gacctgcggg ccccgacgt ggtcattgga gcggacacga tcgtgacggg cggggggctg 360
attctggaga agccggtgga caagcaggac gcctacagga tgctgtcccg gtttgagttg 420
ggagagaaca cagcgtgttc acaggtgtcg cgatcgcca ctgctccagc aaagaccatc 480
agctggacac cagggtctcg gaattctacg aggaaacgaa ggtgaagtgc tcggagctgt 540
ccgaggagct gctctgggaa tacgtccaca gcggggagcc catggacaaa gctggcggct 600
acgggatcca ggccctgggc ggcatgctgg tggagtcggt acacggggac tttctgaacg 660
tgggtgggatt cccgtgaac cacttctgca agcagctggt gaagctctac taccgcccc 720
gtccggagga cctgcggcgg agtgtcaagc acgactccat cccggccgcg gacacctcg 780
aagacctcag tgacgtggag gggggtggct cggagccac tcagagggac gcgggcagcc 840
gcgatgagaa ggccgaggcg ggagaggcgg gacaggccac ggagaggct gagtgtcaca 900
ggactcggga gacctgcct ccgttcccga caccctcct ggagctgatt gagggcttta 960
tgctatccaa ggcctgctc accgttgca aactgaaggt gttcgatttg ttaaaagatg 1020
aagcaccaca gaaggctgcg gatattgcca gcaaagtgga cgctctgcg tgtggaatgg 1080
agaggcttct ggacatctgt gctgccatgg ggctcctgga gaagacagag caaggttaca 1140
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tcatcatgca caataatgac ctcatatgga acctctttac atacctggag tttgccatcc 1260
gagagggaac aaaccagcac cacaggcgt tggggaagaa ggcggaagat ctgttccagg 1320
atgcgtacta ccagagcccg gagacgcggc tgagggtcat gcgggccatg cacggcatga 1380
cgaagctgac tgctgcccag gtggccacgg ccttcaatct gtcccgtctc tcctccgcct 1440
gcgacgtggg aggtgcacc ggtgcactgg cccgagagct ggcccgtgag taccctcgta 1500
tgacgtgac tgtgtttgac ctcccagaca ttatcgagct ggccgccac ttccaacccc 1560
ccggaccgca ggcagtgcag atccacttcg cagcagggtga ctttttcagg gacccccctc 1620
ccagcgtga gctgtacgtc ctgtgccgga tctgcatga ctggccagac gacaaagtcc 1680
acaagtact cagcagggtc gccgagagct gcaagccagg ggccggcctg ctgctgggtg 1740
agacgtcct ggatgaggag aagagggtgg cgcagcgcg cctgatgcag tcaactgaaca 1800
tgctgggtgca gactgaaggc aaggagcgga gcctgggcga gtatcagtg ttgctggagc 1860
tgacggctt ccaccagggtg cagggtggtgc acttgggggg tgctcctggat gccatcttgg 1920
ccaccaaagt ggccccctga agcccaggca gcatgttcat tatagggatg tcctcccca 1980
ggctgcaggt ggaccgcccg gtcccaagt accataggac agtcacatag gagcgtgtag 2040
tcgtgactcc tagcaggcag acggtgctg tgacggtgcc gtctaccagg cagggtctca 2100
gtccttctcc gactccagc ctgcatcttc ccatcttctg cagatttcc agtgtgttcc 2160
ctccatggga cccatcgct gccgtcacc cctggatgcc cacaggctat ggagtggcag 2220
ttctctgggc ggcttccatc tctcctgcct tgggtgcagga attccgccc nctgtacgaa 2280
ggtcatcagt ggtggca 2297

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<210> 6696

<211> 6310

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (74)...(5426)

<223> similar to gi5911999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6696
gattgtttga atttgaaaac ggtaacatcg cagtgtctgct cgcgggtctg gctagtcagg 60
cgaagtttgc agaattggaat ctaatttttaa tcaagaggga gtacctcgac catcttatgt 120
ttttagtgtc gacccaattg caaggccttc agaaataaat ttcgatggca ttaagcttga 180
tctgtctcat gaatttttct tagttgtctc aaatactgag gcaaacagtt tcgaatctaa 240
agattatctc caggtttgtc ttcgaataag accatttaca cagtcagaaa aagaacttga 300
gtctgagggc tgtgtgcata ttctggattc acagactgtt gtgctgaaa agcctcaatg 360
catccttggc cgtttaagtg aaaaaagctc aggggcagat gggcacagaa attcagtttt 420
ttcccaggtt ttttgggcc agcaactaca cagaaggaat tctttcaggg ttgcattatg 480
caccccagta aaagacctct tgaaaggaca gagtcgtctg atttttactt acgggctaac 540
caattcagga aaaacatata catttcaagg gacagaagaa aatattcgca ttctgcctcg 600
aactttgaat gtattatttg atagtcttca agaaagactg tatacaaaga tgaaccttaa 660
accacataga tccagagaat acttaagggtt atcatcagaa caagagaaag aagaaattgc 720
tagcaaaagt gcattgtctc ggcaaattaa agaggttact gtgcataatg atagtgatga 780
tactctttat ggaagtttaa ctaactcttt gaatatctca gagtttgaag aatccataaa 840
agattatgaa caagccaact tgaatatggc taatagtata aaattttctg tgtgggtttc 900
tttctttgaa atttacaatg aatatattta tgacttattt gttcctgtat catctaaatt 960
ccaaaagaga aagatgtctg gcctttccca agacgtaaag ggctattctt ttataaaaga 1020
tctacaatgg attcaagtat ctgattccaa agaagcctat agacttttaa aactaggaat 1080
aaagcaccag agtggtgcct tcacaaaatt gaataatgct tccagtagaa gtcacagcat 1140
attcactgtt aaaatattac agattgaaga ttctgaaatg tctcgtgtaa ttcgagtcag 1200
tgaattatct ttatgtgatc ttgctgggtc agaacgaact atgaagacac agaatgaagg 1260
tgaaaggtta agagagactg ggaatatcaa cacttcttta ttgactctgg gaaagtgtat 1320
taacgtcttg aagaatagtg aaaagtcaaa gtttcaacag catgtgcctt tccgggaaag 1380
taaactgact cactattttc aagttttttt aatggtaaag ggaaaatttg tatgattgtc 1440
aatatcagcc aatgttattt agcctatgat gaaacactca atgtattgaa gttctccgcc 1500
attgacaaaa aagtttgtgt cccagacact ttaaattcct ctcaagagaa attatttga 1560
cctgtcaaat ctctcaaga tgtatcacta gacagtaatt caaacagtaa aatattaaat 1620
gtaaaaagag ccaccatttc atgggaaaat agtctaagag atttgatgga agacgaggat 1680
ttggttgagg agctagaaaa cgctgaagaa actgaagatt aggggaaact aaacttcttg 1740
atgaagatct agataaaaca ttagaggaaa ataaggcttt cattagccac gaggagaaaa 1800
gaaaactgtt ggacttaata gaagacttga aaaaaaact gataaatgaa aaaaaggaaa 1860
aattaacctt ggaattttaa attcgagaag aagttacaca ggagtttact cagtattggg 1920
ctcaacggga agctgacttt aaggagactc tgcttcaaga acgagagata ttagaagaaa 1980
atgctgaacg tcgtttggct atcttcaagg atttgggttg taaatgtgac actccgagaa 2040
gaagcagcga aagacatttg tgccacaaaa gttgaaactg aagaagctac tgcttgttta 2100
gaactaaagt ttaatcaaat taaagctgaa ttagctaaaa ccaaaggaga attaatcaaa 2160
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gacgcggccg						6310

<210> 6697
 <211> 1017
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (32)...(573)
 <223> similar to gi434977 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6697
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 tgacattatc tcacagcagc tgggtggagag gcgggggtctg caggaacacc agagaggccg 180
 gactctgacc atggtgtccc tgggctgtgg ctttgtgggc cctgtggtag gaggtctgta 240
 caaggttttg gatcggttca tccctggcac caccaaagtg gatgcactga agaagatgtt 300
 gttggatcag gggggctttg cccctgtttt tctaggctgc tttctccac tggtaggggc 360
 acttaatgga ctgtcagccc aggacaactg ggccaaacta cagcgggtga gctgggcagg 420
 attatcctga tgcccttata accaactact atctatggcc tgctgtgcag ttagccaact 480
 tctacctgtt ccccttcat tacaggttgg ccgttgtcca atgtgtgtct gttatctgga 540
 actcctacct gtcctggaag gcacatcggg ctctaagcct gcctcactcc atcgtttcca 600
 ccttgcaagt gatgcagctt gacccttga acgggtcaga caaccctct caaaagtggg 660
 cataccagtt tcccacgggg gttgggttgc cggtcaggag cttaagagga ctagcaccct 720
 gcaaattgcc ctcttctact taaaatgtac actgactgct ttagagccct tgataatagt 780
 cttaattccc accacatact aaggcactcc ataaatatct gttgaacctt catgacctta 840
 tcaactttta caccacaaat ccagcaaat gccactcatc cccactcttc atagacacat 900
 ttgttactct aaccctgcct aggttctttg tagctccagc tctttagaga ctcccgggaac 960
 cctttatatg gtgcctcagt aaatatgtta ttaaatatgt aatccggaaa aaaaaaa 1017

<210> 6698
 <211> 1572
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1271)...(419)
 <223> similar to gi4406663 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6698
 tttttttttt ttccacaaat aaagtgtttt atttacagga gttgtctctc cagggtccag 60
 ctccctgccca ccccccaccc agccccaggg agaagagggc ggatgccaga ggagctggca 120
 gaggtctgggc aggtcctgag tgggccaggc taggccaaga gagaaggcac gaggccctgg 180
 gcgccccagt cccagggcag aggccaggcc tgccctggaga aggcagcacg gggtcagctc 240
 tcagggggtca ggctgggttc cacgccgccg cagctctgct cataagacgg tggggcctca 300

taggggtagc	cccaagaact	gtactctgga	ggaagaatca	agggtgctggt	agtgggcact	360
ggcccccccg	agccctctgc	aaagtagggg	acagtggcac	ctgttgaaat	gcacaaggga	420
gggtgcagcg	ggtgtgaggc	agggtcgcca	tcctgagggc	agggtcccg	cgcaccaggc	480
acagaactca	agggtggccag	caggggctgc	cgctgcgaat	ggctcttggt	ggagagggaag	540
acgggggtcca	agaagtgggg	gccgccagcc	gcagcctcag	cctcagcctc	ctcctgggggt	600
ggtgcggaag	gcaccaccag	gggtggggcc	ccaggaggca	gccccaggcc	tggccggggg	660
ctcactgggg	catggttcac	agcaatattg	ccaatgaaga	ccgggagggt	cacagtagct	720
tccggcgct	tcagagagac	ctgtaagtag	tagtcgatgt	ggatgaggct	gcagcccggc	780
agggccgact	ggggcaaggc	aggcaccagg	atctgtctgt	gccactgcgc	ccgccgccag	840
gccttgacgc	ccgcaccctc	cacctccgca	atggtccgta	cgctgtggat	ccagcgcttg	900
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gcagaggcca	cgttgggttg	ctcaatgtct	gggatgctgt	tcagggtcaa	ggggctcaag	1140
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ctcacctggt	gcacgatctt	cccgaaggga	ccctcaaagg	acgtgggtgc	agtggcaggga	1260
agcaggaact	ggaaggggaa	gctgtgctct	ccagcgggca	ggctccccctt	gtctgccagc	1320
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ctcaggctga	tctcgaagag	ctgcactcgc	cccatgccgc	gctcaccggc	cagccgcagc	1560
gcctcgtcgc	aa					1572

<210> 6699

<211> 1388

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (139)...(905)

<223> similar to gi4808227 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6699

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cctgccaaca	gagaagcaag	acattcttac	caccgctctc	actatgatcc	tccaccaagc	180
cgacaggctg	gaggtctgtc	ccgctttcct	ggggccagaa	gtcaccgggg	agctcttatg	240
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tgtaaaaaa	tccactgccc	caatcgatac	ccctgcaagt	atcctcaaaa	aatagacgga	480
aaatgctgca	agggtgtgtc	aggtaaaaag	caaaagaaga	acttccaggc	caaagctttg	540
acaataaagg	ctacttctgc	ggggaagaaa	cgatgcctgt	gtatgagtct	gtattcatgg	600
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ggaagatctt	caccgaagga	gaagctcaga	tcagccagat	gtgttcaagt	cgtgtatgca	840
gaacagagct	tgaagattta	gtcaagggtt	tgtacctgga	gagatctgaa	aagggccact	900

gttaggcaag	acagacagta	ttggataggg	taaagcaaga	aaactcaagc	tgcaagctgga	960
ctgcaggctt	atttttgctta	agtcaacagt	gccctaaaac	tccaaactca	aatgcagtca	1020
attattcacg	ccatgcacag	cataatttgc	tcctttgtgt	ggagtgggtg	gtcagccctt	1080
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aacaagaccc	caggggtttt	atctagaaa	ttattcaagt	gaaagaaaga	gaagggaatt	1260
gcttagtagg	agttctgcag	tatagaacaa	ttacttgtat	gaaattatac	ctttgaattt	1320
tagaatgtca	tgtgttcttt	taaaaaaatt	agctcccat	tccccactc	cagataaagc	1380
ttcagtta						1388

<210> 6700

<211> 2843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2263)...(544)

<223> similar to gi4583679 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6700

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taggttttca	gaaatgagtt	gtgcaggaat	gtgggttaatg	aaaagcagaa	aggggttaagg	180
gaagagaaag	gaagccaagg	agtgtgggtat	gtacatcaaa	tgattacttt	ttaagcccct	240
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tgattgtgct	aacagataca	taaagactac	cggagaaaaag	tgggttgaga	tgggctcaga	360
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cctggagatg	agttctaaca	accagcccag	aacccaaagc	tgctctccaa	cacctttggt	480
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<210> 6701

<211> 1656

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1597)

<223> similar to gi5757919 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6701

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ctggtcctgg	gcaggggacc	cctgacccag	gttacggacc	ggaagtgtct	cagaactcaa	180
gtggagctgg	tcgcagatcc	tgagaccggg	acagtggcag	tgaaacagct	gggagttaac	240
ccctcaacta	ccgggaccca	ggagttgaag	ccggggttgg	agggctctct	gggggtgggg	300
gacacactgt	atttgggtcaa	tggcctccac	ccactgacct	tgcgctggga	agagaccgcg	360
acaccagaat	cccagccaga	tactccgcct	ggcaccctc	tgggtgtcca	agatgagaag	420
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gagaagttgc	tagtgttcac	cgcagctggg	gtgaaacccc	agggcaaggt	ggctggcttt	540
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gccggacgcc	cggccaactg	ggccccgggg	cggaagaaga	aagacttctc	ctgcgccgat	960
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<210> 6702

<211> 1846

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (362)...(1380)

<223> similar to gi4263743 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6702

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<210> 6703
 <211> 3560
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (231)...(846)
 <223> similar to gi4929687 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6703						
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<210> 6704

<211> 1461

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (523)...(1237)

<223> similar to gi4102184 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6704

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ggttggggcg gccttccac ctccacctgg gtttctcttc aactcagga ggtagatctg 180
gcctcggaag tggccttaga ggtggtgcgg acagcagagc ctggcgtgtg gttggaggct 240
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cagcagcagg tgctggcccg tctgcagctg ttggagcagc aggttgtggg tggagagcag 420
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<210> 6705
 <211> 1476
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1177)...(389)
 <223> similar to gil488608 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6705						
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<210> 6706

<211> 2073

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1647)...(1093)

<223> similar to gi5912545 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6706

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<210> 6707
<211> 3070
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (397)...(783)
<223> similar to gi4679024 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6707

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gctacccctt	cttccaacag	gtcgtcagca	agatggacaa	catcagccga	gccgcgggga	180
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ttgtgattct	ctcagaattt	tttaatacca	catggcagga	ggcaaattgt	gcaaattggt	300
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aaaaattatt	cagaagtatg	caaaaaactg	ccgtgaagca	tacaaaactc	tgagttagtct	480
gtacagtga	atgcaaaaaa	tgaatgaact	tgagaataag	gctgaacctg	gaacacattt	540
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ctgttcagtc	ccttgacagt	acacagtgcc	tgtaattgct	gtttctgtgt	tcatttctctt	660
tctacctgtt	gtcttctacc	ttagtagctt	tcttcactca	gagcaaaaaga	aacgcaaaact	720
cattctgccc	aaacgtctca	agtccagtac	cagttttgca	aatattcagg	aaaattcaaa	780
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tggtttcaga	aagaagataa	actgtgattt	gacaagtcaa	gctcttaaga	aatacaagga	900
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acagatttgg	atatttttaa	tttccaggca	tagcaatgtt	atctatttta	atgtgtattt	1020
gtcacaataa	cagaacatgc	aagaacaatc	attattttat	tttataggca	tttgattact	1080
attctagact	tctggtatct	tcttactaac	ataaatatct	caagtagaaa	agtttttgaa	1140
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gaaaatagtg	agattaagat	catccttatt	gtttctaaat	tatttcaatc	agatgaaagt	1860
gatacgattg	aatgaaatc	acatagttcg	tgctcagaaa	ttctattttg	gtatgtttgt	1920
attagccttt	agaaaaaaca	ctccgtttca	gaattgttca	cagttttatt	tcttaggttt	1980
ttagagtcca	ggatttcatt	tattaatttc	ttcttgcttt	tttggtggaa	ataggctttg	2040
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gaatttgaat	cccttcctat	actataaaat	gctctatagg	gagacaaagt	gtttcttttt	2160
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ggatttttaa	atacattttt	aaaatttcag	atgtaattta	acatcacatt	tgtttttcag	2820
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agcccgggag						3070

<210> 6708

<211> 2321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(1753)

<223> similar to gi2463632 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6708

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catcgatcct	catgctattg	ctgatctgaa	ttgcttttaa	ctttttcttt	cagattaaga	180
atgacccaaa	ataaattaaa	gctttgttcc	aaagccaatg	tgtatactga	agtgcctgat	240
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agcaggatct	catggataat	ctcaatctgt	gtgtttgtct	taacattttc	agctcccttc	420
gccacagtcc	tgagcaatcg	tttcggacac	cgtctggtag	tgatgttggg	ggggctactt	480
gtcagcaccg	ggatggtggc	cgctccttc	tcacaagagg	tttctcatat	gtacgtcgcc	540
atcggcatca	tctctggtct	gggatactgc	tttagttttc	tcccaactgt	aaccatecta	600
tcacaatatt	ttggcaaaag	acgttccata	gtcactgcag	ttgcttccac	aggagaatgt	660
ttcgtctgtg	ttgctttcgc	accagcaatc	atggctctga	aggagcgcat	tggctggaga	720
tacagcctcc	tcttcgtggg	cctactacag	ttaaaccattg	tcatcttcgg	agcactgctc	780
agacccatct	ttatcagagg	accagcgtca	ccgaaaatag	tcatccagga	aaatcgga	840
gaagcgcagt	atatgcttga	aaatgagaaa	acacgaacct	caatagactc	cattgactca	900
ggagtagaac	taactacctc	acctaaaaat	gtgcctactc	acactaacct	ggaactggag	960
ccgaaggccg	acatgcagca	ggtcctgggtg	aagaccagcc	ccaggccaag	cgaaaagaaa	1020
gccccgctat	tagactttctc	catttttgaaa	gagaaaagtt	ttatttgtaa	tgcattattt	1080
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agtctgggca	ttgaccagga	ccgcgctgct	tttttattat	ctacgatggc	cattgcagaa	1200

gttttcggaa	ggatcggagc	tggttttgtc	ctcaacaggg	agcccatcgc	taagatttac	1260
attgagctca	tctgcgtcat	cttattgact	gtgtctctgt	ttgcctttac	ttttgctact	1320
gaattctggg	gtctaattgtc	atgcagcata	ttttttgggt	ttatgggttg	aacaatagga	1380
gggactcaca	ttccactgct	tgctgaggat	gatgtcgtgg	gcattgcaga	agatgtcttc	1440
tgcagctggg	gtctacatct	tcattcagag	catagcagga	ctggctggac	cgccccttgc	1500
aggtttgttg	gtggacccaaa	gtaagatcta	cagcagggcc	ttctactcct	gcgcagctgg	1560
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gcatcatcac	tcaggtgaaa	caaaggtagt	gagccatcgt	gggaagactt	tacaggacat	1680
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caagcactct	tccatatata	aatctggctg	tattcagtag	caatacaaga	gatatgtaga	2040
aagactcttt	ggttcacatt	ccgatattaa	aatagtgaac	tgaactggca	aagtggtttt	2100
aaaagctttc	acgtgggata	aatgattttc	tttttttctt	ttctttcttc	ctatggtctt	2160
gtctgaataa	actactctcc	tgaataaaac	aacatccaac	ccaggtcatt	gaaatgaaat	2220
tggccagtca	aaaaaaaaaa	aggggggggc	cctttaaaaa	aaaaaaattt	taaccccccg	2280
gggggggaaa	gaaatttttt	ttttttgggg	cccccaaaaa	t		2321

<210> 6709

<211> 3018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(2505)

<223> similar to gi5689736 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6709

cagatctcca	gtggcagaga	gttgagagtg	atccaggaaa	gtgaagcagg	agatgcggga	60
ctgccccggg	tggaaagtgt	cctcgactgc	tctgacaggc	agaagacaga	aggggtgcagg	120
cttcaggcag	gaaaggagtg	tgtggattct	ccagtggaa	gagggcagtc	agaagcacct	180
ccttctctgg	tatcctttgc	cgtctcatca	gaaggcacag	agcagggaga	agatccacgc	240
tcggaaaaag	atcacagcag	acctcacaag	caccgagcgc	ggcatgcacg	gctcaggagg	300
agtgaagacc	tgtcagaaaa	acaagtgaag	gaagcaaaat	ctaaatgcaa	aagcattgcc	360
cttcttctaa	cggatgctcc	caacccccac	tccaaggggg	tggtgatgtt	taagaagcga	420
cgtcggaggg	ccaggaaata	caccctagtt	agctacggta	ctggcgagct	tgagcgagag	480
gcggacgagg	aggaagaagg	tgacaaggag	gatacatgtg	aagtagcatt	tcttggtgca	540
agcgaatcag	aggtggatga	agagttattg	tctgacgttg	acgacaacac	acaagttgtg	600
aactttgact	gggattctgg	actggtggac	attgaaaaga	aactgaacag	agggggacaag	660
atggagatgt	taccagacac	cacaggcaag	ggagccctca	tgtttgccaa	gaggaggagg	720
agaatggatc	agatcacagc	ccaaaaagaa	gaggacaagg	taggtggaac	gccaagcaga	780
gaacaagatg	ctgcccagac	cgatggcctg	agaaccacga	cttcttacca	aagaaaggag	840
gaagagtcgg	taagaacgca	gagctctgtg	agcaaaagct	acatcgaggt	gagtcattgt	900
cttggccatg	ttccccaaca	gaatggcttc	agtggggcat	ctgagacagc	aaacatccag	960
aggatggtcc	ccatgaatag	aacggccaaa	cccttcccag	ggtctgtgaa	tcagccagct	1020
accccttctt	cgccaacccg	aaacatgacg	agtcccattg	ctgactttcc	tgcacctcca	1080

09408725.010100

ccttactctg	cagtcactcc	tccccctgac	gccttctcca	gaggggtttc	aagtccgatt	1140
gctggcccag	cacagccccc	tccatggccc	cagcctgccc	cgtgggtcca	gccagccttt	1200
tacgattcgt	ctgagcgaat	agcttcccga	gatgagagga	tctcagtgcc	agcaaaaaga	1260
acaggaatat	tgcaggaggg	caaaaggaga	agcacgacaa	aacccatgtt	tactttttaa	1320
gagcccaaaag	taagcccaaa	tccctgaactc	ttgtcactcc	ttcaaaattc	agaaggcaaa	1380
cgggggcaactg	gagctggagg	tgattccgga	cgggaagaag	actacctcag	cttgggggca	1440
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ctcagttctc	cactccatct	ctcccggcca	gttggaagta	ctcctccaat	gtccgagcac	1980
ctcctcctgt	ggcctataat	cctatccact	cgccgtctta	cccactgggt	gctctcaagt	2040
ctcagccatc	agctgcacag	ccctccaaaa	tgggcaagaa	aaagggaaag	aaacccctca	2100
atgcattaga	tgatcatgaag	caccaaccgt	atcagctcaa	tgcacctctg	tttactttcc	2160
aacctccaga	tgcaaaggat	ggcctcccc	agaagtcac	agtcaaggtc	aattcagccc	2220
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aatcagcctc	atcatcttat	tttgtggcac	caaggccaaa	gttctcagcc	aagaaaagtg	2460
gtgtcacaat	tcaggtgtgg	aaacctatctg	ttgtggaaga	gtaatcttgt	agctgaagct	2520
gagtgccac	tttgcttgaa	atgaattgtt	tgagtggtt	cttgagtccc	tgagaatgcc	2580
tagcaaagtc	ctcaacttac	ttaatttcag	atatgtcacc	tcctaactctg	ggtccaagga	2640
gtataatatt	tttaatgagt	caaaaatcca	actcagattg	acctaataata	tatttatctt	2700
ctttgcacac	ttaaaaaatc	caggagcacc	ccaaaataga	catgtaccgt	tatattaagt	2760
aagcaggaga	cttaggattt	gtgctgtagc	cacaagaaag	acagtgatca	gtgatatcaa	2820
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tgtagtgaag	gtataacct	tattgactga	gatttccctt	ttaggtagtg	ccttatctct	2940
attactagtg	ttaaaggaat	aaggaatcta	tgaaggacag	ggagcagctc	tgggtctgtc	3000
atctcagcca	cctgtttg					3018

<210> 6710
 <211> 1372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (960)...(331)
 <223> similar to gi4884206 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6710	
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tacaacaggc	aaacatactg
agatgaaaaa	gtgactcctt
agctcctggc	cagcaacaca
cgttgaggtc	ctctcaaatc
tctgaaaagt	caaggaatcc
cattcccctc	caagagccca
aatgggagaa	gtgtataaat
caagtaggtc	
taagtaatct	
gtgagccatc	
tattatgttg	

ataagcaaga	taagtgccaa	agggtagata	agagtgaag	cattgggaag	cctggcagag	300
tgcagtcagc	aggtcagttc	ctggcggttc	attgagcagc	ttggcccaaa	gatgtaagt	360
aagtccctcc	tgggtggagg	atgagagcag	ctccagttac	tcggccttca	tgacacagga	420
agttgaaggt	ggcacaggca	ttgggcgtgt	cctgcacttc	cacagcaatg	ccccgtgcc	480
tcatggcttg	aagcacctgg	gactgcagcc	tctcgggccg	gtctccagtc	cccaccacca	540
cgatctctat	ccgggggctcc	agcaaccaga	agagggaaaa	gctgtcttcg	gtgatgtcct	600
ggtgggatcc	cacgttccac	tgaccaccgc	agtgcgggag	cagagcgagc	gggcccagca	660
cgcggtttcc	gtttatcatg	aagccgcggc	tgttgtagct	gtcgatgtac	attgcctgag	720
cggcctcgcg	ttgcagcaga	gagatgcgcg	tccgctgata	cagctcgta	tccgcccggc	780
agagccgatg	ccctcgccgc	ggggcccagg	gaagctcaac	gggaggacag	cgcagcgagg	840
gtcgcgctcg	gtacaagcta	cgtagcgcca	gagcgggtgg	catggctgac	caacgcgcgg	900
cgaagtgcgc	accggcgccg	ttagtccccg	ggttgggagg	gccctgcgga	gcctgaccca	960
gcgtggctgc	agcgccccct	gcgtccccga	gggcaccgca	cagctcgacc	ggcccagcag	1020
gcgagtgtcc	tcagtcttag	gaggccgagt	tccccgacct	ccggcgagc	tccagtgtca	1080
gcacctgccg	ccctccccgc	cccgggccct	tgcccatagt	cccgggggag	tggaacacct	1140
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acctggccag	gcggtgggtg	ccagacttct	agccccta	tccagccttt	ggggcttcgg	1320
gcaccgtggg	cggggcagcc	ggctcaagtt	tctccggcta	gacgcggaag	ca	1372

<210> 6711
 <211> 1465
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (1297)...(463)
 <223> similar to gi3757661 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6711						
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gaagttacag	gattgccatg	aatgccacac	acctttcaga	ctaagcagaa	agcccacaag	120
aaaaaaaaaa	aaagaatgca	ctcagctgcc	cactgtcccc	cccaccctgg	tggactgggg	180
aaggacaggc	agagccatct	aacaggggag	ctgagtcttt	gggaggatag	gaaaagccca	240
ggggtcaagg	gaaaacaaca	cagacactac	acaggggctt	tcagtgaagc	agggatagat	300
cagccgggtg	gaagggaagg	cctagcgtcc	ctcttcttgc	ccaagaatag	cacaccattt	360
gtgagtttgc	ccactgtggt	cccaacatca	atgcacagat	acaattctac	cagcaagatc	420
acagaaacat	agtaagagca	aaaggcaaa	cagctctggga	ttatgggttg	attttcagcc	480
caagacacaa	agccagctca	gacttctgaa	ttttccatc	cttgttcacg	tcgcagtgc	540
gcaggagaat	ctcgcggaac	ttatcaaggt	ccaccccgct	gatgctgggc	tggacaagct	600
ccatcatgtc	tttgacaaac	ccatccactt	ctggggcctt	ccagggctcc	tggtttacta	660
acatcatagt	aggcaaagat	tttctcaaa	tccccctttc	ttttctcagt	agaacaagca	720
tccattttta	attggagaag	gaagttttcc	tgaagagcca	gaatccttgc	taagtcattt	780
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cggagctcag	cagctgatat	aaagccactg	ctgtcagcgt	catatttgcg	ccaaatctgc	960
ataaactcca	cgctgctgtc	cagtgggttt	tccggcgcaa	agagcagaag	aaagttttca	1020
tcctcagata	agaacatacc	agcaagctct	ttcatccgaa	tgcgaccatc	tttagaggca	1080

tcttgggtag	tcataaactg	ctgtttcacc	ttgtgcaa	ttgctttcat	gaccgtgtca	1140
tcagtaccca	gtttcatcaa	catgtggaga	aagaaagcat	cgagttcctt	ctcttctatg	1200
taaccttttt	catccgcatc	aaagcgctgc	cagacctgcc	agaagccagc	ggcgtccaag	1260
cgccccagag	tcggttcccg	ggagctgtcc	atggtgttga	cgacgaagac	caggcaccgg	1320
cgcggaagga	cctagacaac	tttgggaagg	actccttcac	cgtattttctt	gacttgctct	1380
cctgcttctt	tcgctatctg	attagctttg	agtaactgtt	gctggggagg	acgcgagcgc	1440
tgctggccgt	ggcgtcgcgtg	agccg				1465

<210> 6712

<211> 1892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1757)...(216)

<223> similar to gi3608122 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6712

ggagatcctc	tcattttctta	agcttggcac	gaggggtgcg	tcctcactcg	gggggcttgg	60
caatgccttt	accaaagcc	actcgacctg	cctccgggag	gagcgaggat	ccgagctgaa	120
gctcgctttt	gaacatggtc	atcgatctga	gagccagaga	ggctgaagct	ggattcgtga	180
aggccccca	tgcccccatg	ccgggtgacg	ggccgggtag	gagtgtctgc	gagtgggggt	240
cccatctctt	ttttccagg	gtgcacgaca	acagcgacat	ccccaggta	gggagtgcgg	300
tccactcctc	taaccttta	agtcttctct	ctctggacca	gcttcttgta	gacagtgtct	360
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ggccgggtgat	ctgatgccac	gatgttcaga	gtgtcattgg	ccagcaggct	catgaggtag	840
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gacgtcagcc	tcgtgggtgc	agtcacgtgt	caccaccttg	cctcccttga	tgaggatcct	1740
cacgtgggt	gagttggcaa	gcatgttccc	ggctctccgc	ccttttgtgc	gcctcacgca	1800

gaaacagaag ggggagagga ggatgtccta gcccgggagg ggtaagccca ccgacccacc 1860
 tgccatcacg taatcgtcga ccgggactcg ga 1892

<210> 6713
 <211> 2559
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (2407)...(843)
 <223> similar to gi36609 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6713
 actatagggc aaaagtgtgt tttgttggtt tgtgtttttt tgagctcggg attatatatt 60
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 aaatagagtc tctgtacagc caagggtctt ggggcctgct atagcccca tgctccctgcg 180
 catcccttgc caaacccaaa aaataaatat agtggttatt ctctgcaggg cataagaggc 240
 agtgctctcc taccacctga ggaggtcgt ttggggagct gattggggaa gccctggcca 300
 cccaagggg tccagggggc tggagtcttg atttgagggt attgcttcaa ggggggacac 360
 taaatgcccc atgcaaatga tgagagggcg gagcgaaggg gggcatgggg ccttttgctc 420
 tccaagtccc actctgcttt gaagaggggg taggatttaa gcagcagcaa aagcatcacc 480
 cacttgggag actctggcct ccattccctt cctccctga gataggtttc tgccctccac 540
 gcatcccggt cagcccccta tggcttcgc aaggccccct acactctggg ggcacggtta 600
 tggcttgcaa ggggcagcac tgtgccccag aacctggac acacgttccc aagcttctga 660
 acaacccta ggagggggag gagagggcgt ggggcctgtt cccaggggct gatggcattg 720
 cccctggccc tgccagcagg ctgtggcact gccagaccc cagctccgcc ccagcccttg 780
 gggctgaccc catgctaggc aggtcctgcc agaaccacca ccagtccac ccttgccctc 840
 agtccatcat ggcctcgagc atctccaaga acagcttggt catgggcacc ttgcccctca 900
 gcttcacccc atagaaatgg gccagcactt tgcccgtgt ctggcggagg agcggtagcg 960
 tgagcagcag cctgcccgcc cgcgcgcgt cagcaccccc tccggggcca gcccgcccg 1020
 cttcatactc cagcagggcc tcgtgcagga gcttctcgca gctgctccac agcctcggct 1080
 catcttcgat gtgcacagag tctgaattgg caagggccaa ggcctttagt agaataact 1140
 cctctcgctc cagccgcagg gcctgcagcc gccgcactag ttgcagcagg gcagctcccc 1200
 aattccccca gtccagctgg ccgtgcccc tcttcatcca ggactaagta ctcagcgaag 1260
 gccagctcat cctgcagcgt cagggagcgc tgagccacac ccagcaccag cacctccatc 1320
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 tcaaccacca gcagatgaga caccagtga ttcactgggg ctgctgtctt ccgggggcct 1560
 ccagcgactg ccaggggccc agcaggggaag gggcccgga agggcagtggt gtccacctcc 1620
 ggccgcgcgt tgtacttctg ccgccaccc cggacgcggt ccaggcgac tccctccttg 1680
 agcatgcccc ccgcaggca cttggtgaag cggcaggcct ggcaggcctt gcgctctcgc 1740
 ttggtgatct cacactcgtt ggaggccgga cagctgtact cgatgctccc ctggatggtc 1800
 ctcttgaaaga aggttttgca ggcctcacag gatgccacac catagtggta gccggaggcc 1860
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 ccctgctcgc caggcccagc cccctcccca tctctctctt ccttggtggc tgggaggcag 1980
 cgagtgggag ctgcgaccag gggccagggc cacaggaggc tcggtctctg tctccgagga 2040
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cacctggctg	gacatggcgc	tggtcacctg	gggctccggc	agcgcggtcg	ggcaggcatg	2160
ggggccgagc	ggcccggagt	gccggagtga	gccggggggc	gcgggcggcc	cctcctccgc	2220
cgttttctcg	ggccgagccg	ccccaccgcg	ccgcgtcccc	tactctggcg	gcgcccgcg	2280
gctgcttgta	gcatacactc	tggttttcct	cccaccgcac	caggcacttt	gtggtttctg	2340
agcatcttcc	caagctcttc	catccagact	gccaggggctg	tccttgaggc	tcattctcaa	2400
tcccatggca	atcttcccca	gccgtggggc	tctcacgttt	ctacctctag	cctggacttg	2460
ctgtgagctc	cagacccatc	tctccagctg	cctccttgac	atcctgcatg	tctagaaggc	2520
atctcggacc	gaacacagcc	tacgtggact	ccacgtgtt			2559

<210> 6714
 <211> 4528
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4529)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4147)...(3510)
 <223> similar to gil469165 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6714	
taggagagcc	gagctgggta cgagactaaa gggccacat gaccagtgga cgccagattt 60
ccaccgagga	ctgagtgagc tgctcagaca tggctttctg cctcccagcc tgctctccac 120
tgtgggcata	gcattctgtg ctgcctgcct gcttgaggga gaggagtttc tgctgctgcc 180
ttgagctggg	gggaagagcc caggggcaga tcttgccagc tgcttgatg gggctcctcc 240
ctgcccttat	gagcatgcca ggcccagaaa ggccgagcct gggctgcctt cctgccccag 300
ccgagggagg	ggtcagacgg ctctaccatg ggtaactcag gcaagagctg gttttcctct 360
ttattctggg	tgtgtgcagc tgtgaggccc caaccagga gaggccatgg cctaggtacc 420
tgtgaccacc	ctgcccccggt gtagaggcca tcgnctttcc tgctatttta ttctttcagc 480
ttttgtctta	ggcccagaat caaagtgaat attgagtcga gctgaccctt acaacagtag 540
gatttagtag	ggtagatttc aaatgaggct tcgcttctcc caaagtagcc agtccaagtt 600
ccagtggctg	tcgttcagct catgggagct tcatggggac acagccggca cagggtgcagg 660
gcccagagtc	gcccaccag cctggcgctg aaactgcaca cgtacactat gtggtttaag 720
agcactttat	tattgttctt aaggctactt ttaagtacaa aaaaagatgg cctgccaac 780
cttttttttt	cttcttcag gaaaaacagg ccacagagaa tggatatatta cagatttaca 840
cacatgaaga	gaaggtcaga gcgcactgca ggcagcgcg ctctgggaag aacttcacgg 900
agccccctct	tagagcaggg agggggcttt ctcaagtgaat tggttggttt tctgctgcct 960
cctctgcccc	aggccccct ccagggtact gcctatccca gatagggtcag tgcaccaggg 1020
accggccgc	cagcaccgcc gaccctccc agagtgaagc ccttggtcac tgacaaagag 1080
acctgtccca	ggagtgtcct ccaccgagcc ggtcagctgt ggggtggttt cctgttacga 1140
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tagaataact	gttctctcac ttttacagac aaatctacga caaaaaaaa gatcaacttt 1260
ttttttccga	acaacaaaaa aaatgaatga ttacaatagg aaagggaata attaaatagc 1320
tacatatcat	taacaaatta atgttcttca aaaaatacct acaaatttct ctgtacattc 1380
tttaacgaca	gcgtaacgat ggtctcaaaa tcacccatat agaaaagtgt tctcaacgat 1440

ttttcctaca	gaaaatatag	gggcctgaat	gccaaagctt	ggaagcccag	tacagtggga	1500
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agccactctg	tgactacaag	agccagtcct	ccgacctttt	cacccagtgc	caattttccaa	1620
aattcaacag	ctaaaaactg	taaaaccggg	ggtcatacgg	tgtgcagagt	ccacaaagcc	1680
ttgcagggtga	ggtgaccacg	cccacgtcac	ctggtcagggt	gccatcgtcg	tgagcctctg	1740
gtggggccagg	tgggacacag	cacaccccag	ggggagggga	tagaaaacgct	cattgaccaa	1800
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aaaaataaat	gatgtcagcc	tgacagccaa	ctccagcatc	ccacaccgca	gctgaccac	2160
tgctcatcgc	gagggcctgc	caggagctgg	cctcccgac	tacttgtgag	taaagtgaat	2220
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gacaaaaata	aactaattct	gaaaagaaga	tagtaagtat	taagggtttt	gtttactgtc	2340
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actatggaat	cctccaacct	cagctctagt	ctaacaact	gcagtgttca	gagaagataa	2460
aatgcccgtg	attggtagag	tctgcagtc	agttgcaagc	ccctgaaatc	tagagagaga	2520
aagacctata	acctgtatga	gacttcccct	tccaaagctg	tattgtctac	attaaaaaaa	2580
acaaaaacag	taacaacaac	aaacacacaa	atggtcagaa	atgtcatcct	taaacccttt	2640
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cacatggacc	gaaccaaaca	cgccgtggaa	gctgagccac	acacaccccg	gtctcaagaa	2820
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ctgaggcagg	aagtaaggat	gctacattag	acagatgttc	cacgcgtagt	tcctgctatc	3000
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ggcagagggg	ctggcgggct	ggccccctgc	agagggcgac	tcagggctgc	tggatgtctc	3300
gtccttggcc	gctttgatct	ggagccacgt	gtcaccacaga	gctttgggca	aagtggctcag	3360
tccacggagc	ccgtgattgg	acaccggagt	ttgggtgccc	gctcgggctc	ctttgtaatt	3420
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tgcgaggggc	tgctccaagg	ccaaggcttg	gggagggagg	tgtacagggtg	gctgccgtgc	3780
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gagacgtggt	cgttgtcaca	gtctaggtcc	tcgtcacctg	gctccatgct	gaacttcctc	3960
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cgatcgagta	tgaaaacagc	gtttcagaag	tccttacaag	tccttcctgg	aaatggaaaa	4440
gagtgaaaaa	gagaaacgcg	cagcccgttt	cctaggacaa	agcggcgccg	gccccctctca	4500
cagcccgtctg	caagccggca	gcgctgac				4528

<210> 6715
 <211> 2018
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (58)...(640)
 <223> similar to gil770515 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6715

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attcaggcga	ttctggtttt	caacaacccat	gggaagccac	ggctagtccg	cttctaccag	120
cgtttcccag	aagaaattca	acagcagatt	gttcgagaga	ctttccatct	agtcctcaag	180
cgggatgaca	acatctgtaa	cttcttggag	ggtggaagtt	tgattggtgg	ctctgactac	240
aaactgatct	accggcacta	tgctaccctc	tactttgtat	tttgtgtgga	ttcctcagag	300
agtgaacttg	gaatcttgga	cctcatccag	gtttttgtgg	aaactctgga	taagtgtttc	360
gaaaatgtgt	gtgaattgga	tttgatcttc	catatggata	aggtgcacta	catcctccag	420
gaggtggtga	tgggtgggat	ggtgttggaa	acaaacatga	atgaaatcgt	ggctcagatt	480
gaggctcaaa	acaggctgga	gaaatccgag	gggtggcctt	tcagcagccc	ctgcgcgggc	540
tgtgtctgct	gtgaaaaaca	tcaacctgcc	agagattcct	cggaacatca	acattggcga	600
tctcaacatc	aaagttccca	acctgtccca	gtttgtctga	ggatcaagta	ttggcctgaa	660
atagagtcct	taagacaagc	aaagacaagc	aaggcaagca	cgtctggaaa	cagaacccat	720
tttgagcctt	agaagagtca	agcctcagga	cctggaaact	tttgtgtctg	ggaagactgt	780
ttggcatgga	atagggaagg	gattcctatt	gacactgctc	gggtgcaccc	agttctcaca	840
tgtgcagtca	tgccgttctc	tgatgcatac	ggccactgca	gatgtgaggg	gccctgcctt	900
cctcagtagg	gagtcaacat	gcccgaagtca	tttgcacctt	tacctctcac	atggatgctc	960
ccaagggtta	gggactgcat	tgagcaggcc	cacctgcttc	ccagaacctc	ctcactaggg	1020
ctgagcacct	tctctgagta	gagtcctcat	ccttagcacc	acagacttct	gaggtcctgt	1080
gccctttact	tgctggtgag	gtgtcatagg	tagaaaaggg	ctggcccttc	agatctgggg	1140
gtgtggtgag	tggcaagtaa	gggcagaatt	ttaggagAAC	cagagtcacc	cgtctggctct	1200
actgagattg	ttacacccag	aatccttttg	gggttttttg	tggttttttt	tttttgaggt	1260
ggagtcttgc	tctgtcacc	aggctggagt	gctgtggtgc	aatctcggct	cactgcaacc	1320
tctgcttccc	gggttcaagc	atttctcctg	tctcagcctc	cccagtagct	gggattacag	1380
gcacccacca	ccatgcccag	ctaattgttg	tatgtttagt	agagacaggg	tttcacccatg	1440
ttggccaggc	tgggctcgaa	ctcctggacc	tcaagtgatc	taccgcctt	ggcctcccaa	1500
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aagccttttg	gttaccgcct	catgaagaat	atgcttccccg	cattgtccta	gtcccagttg	1620
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cacatttctg	ctaataggga	gagggaccca	ccacacaccc	acacatgcca	gaggtccctc	1740
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cagaattatg	actcttccca	agtttaaaat	acattctcct	catgagagca	gaaggtttgt	1860
tgtgtgtgtg	tgaatgatga	gctgcctcca	tagggaaccc	actgccacct	gggccagctt	1920
ctggagcatg	agaacctgag	ccagggtcac	ccttgtgggg	cctggacatg	acgcacgctg	1980
gctgcgacta	ggagcagggc	tgccctcttct	ccctcccc			2018

<210> 6716
 <211> 1907
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1732)...(771)

<223> similar to gi4877280 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6716

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aatactat	ctgatactgt	atctctgaaa	aatggctaac	tagtcacctt	atcaatacat	180
ttaaggcatc	aataataggt	accactgagg	acatacattg	tgaagaaaga	gaagaataag	240
tcaaatacta	aaacatactt	atcatgacaa	ctcaagggtga	catgaatatt	taatgaaaat	300
ttagaatata	acaacatatg	actctcattc	tgtggacata	aaaggaaaaa	tacagtaatt	360
cattttactc	attacatttt	acaaaatcag	cccaatgaag	cagtattttt	taataaaaaac	420
agtaatttaa	tttcaaacia	atatattacc	atcctattcc	tttatcttgt	atatatgtat	480
ctaattggca	aaacatactt	tactgaaatc	agtaacaatc	caatccatga	tacttcaatt	540
gcttcgatca	ataaacatct	taaatttgaa	actcattttt	cttatgccat	aagcctgatt	600
atcagttcta	taaaaacgct	acaccctatt	gcttggccca	ttaagtgtaa	ctagtcttct	660
gcacaaggct	aagtggctaa	ggtacttttg	aacaaccaca	cacaattcat	caagcacaca	720
cactcactcc	tgctcctctc	acacacggcc	accagagcag	ctccccctag	tctcttggtc	780
ctcatagtga	gcatagccac	tagcataggt	ccttcctaaa	ttcaaattag	taaacaaatc	840
tgatgactca	gtatctgaat	cctttctgcc	ttcatcttct	tctctttcat	catcctctgc	900
ttcatactca	tcctcctcct	catcgtggta	gctggatatca	ccatacttat	cagatgaaag	960
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<210> 6717

<211> 1736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (218)...(1608)

<223> similar to gi5262613 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6717

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<210> 6718

<211> 1483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1374)...(565)

<223> similar to gi5912460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6718

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```

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aacttcogtc atgagaataa caactctgaa tggcaccttt tcacacatcc actgtgccca 180
acggccagtg cttcacccaa ccgcaggcca gatgccgtga ctctaacgt ctttagagaa 240
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tcttttttac caaaaaaaaa tataataact tagtttgcat ttacagcat ttccaatcgg 360
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<210> 6719

<211> 3707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (222)...(1912)

<223> similar to gi31847 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6719

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ggctgccgga gcgagcgttc ggacctcgca cccgcgcgc cccgcgcgc cgcgcgcgc 60
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cgggaccttg gctctgccct tcgcgggcgg gaactgcgca ggaccgggcc aggatccgag 180
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gcgtacgtgc cccaggcgga gatctcgggt gagcacctgc ggatctgtcc ccagggttac 420
acctgctgca ccagcgagat ggaggagaac ctggccaacc gcagccatgc cgagctggag 480
accgcgctcc gggacagcag ccgcgtcctg caggccatgc ttgccacca gctgcgcagc 540
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gagctgcgcc tgtactaccg cggtgccaac ctgcacctgg aggagacgct ggccgagttc 720
tgggcccgcg tgctcgagcg cctcttcaag cagctgcacc cccagctgct gctgcctgat 780

```

gactacctgg	actgcctggg	caagcaggcc	gaggcgctgc	ggccctttcg	gggaggcccc	840
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<210> 6720
 <211> 2864
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(2252)

<223> similar to gi805095 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6720

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taaggagggc	ggcgggcgag	gcagccccgg	gcccacggcg	ggcccggagc	ccctgagcct	180
gccggggatc	ctgcacttta	tccagcacga	gtggggcgcg	ttcgaagccg	agaaagcccg	240
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<210> 6721
 <211> 2066
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1725)...(604)
 <223> similar to gi5734367 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6721

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caggaccg	cagccacat	ggcgggtc	gctggtgaa	gcattccat	tgactgat	420
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gatccagg	cggaaatg	aaatgac	gtgtcaat	ctgaagg	ttgtgatt	600
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gccattcc	cgtgcgca	cacagca	agctcata	gccctcc	ctgctcct	840
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tacaggg	ggcagatc	tctcgg	tgaattcc	atggaga	gcattgag	960
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gtgcaggg	tcctccag	tcttcagg	ctttgagt	acatcaaaa	gagaaagt	1140
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gtccttc	cggatcgt	acagggc	cagtctct	accaagt	catcagt	1260
ctggctc	atcaggtt	agagtttg	gtacagtt	gcagcat	gttgga	1320
caagggc	ttgcactt	gcaggcag	ggccagct	aggggcc	ctgcttct	1380
ccggctgt	tgcatctt	ccagcag	aagcatct	aaagggac	ttctcct	1440
ctcgtcag	ccctggg	ccgtgat	cttcaata	ctgggtga	ccacatt	1500
tacgaac	tgaatcaa	agttaagg	gcaggtct	ccaatgtt	gtaaaccca	1560
ccaaggcc	gagggtag	ccaggcc	ggacgctc	tggtgtgc	tctcttc	1620
ttgctgt	cttcttct	ttcttcaa	tctgccgg	actgcgag	ctcagcc	1680
atggactg	agatttgc	caggagcc	aacgcctt	tcattcgt	tcactcca	1740
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cgcttat	agccaggc	gatgga	ctcaagcg	atgcaag	ccagcctc	1860
ctgctgag	ccacgtcg	actgagcc	ggaccgag	gggaccga	ttccgctc	1920
ggccccgc	ggtctggc	cgcgtcgt	gcacccgc	cagcttct	tttccact	1980
atggaaag	aaacttac	cggcctcc	gccgggag	gggcgcc	gtgcgggg	2040

<210> 6722
 <211> 2355
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (161)...(1642)
 <223> similar to gi4235110 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6722

acgcgtccgg	cttttccgga	gctctgcaca	gatgctgggg	cactgagcaa	acagccctca	60
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atcccgatgt	tgggtggatg	cccacatctg	cggccagccc	tgtgcttctt	gctgttggct	180
gtggcaatgt	ctttcttcgg	ctcagctcta	tccatagatg	aaacacgggc	gcatctgttg	240
ttgaaagaaa	agatgatg	gctggggggg	cggctgggtg	tgaacaccaa	ggaggagctg	300
gccaatgaga	ggctcatgac	gctcaaaatc	gctgagatga	aggaggccat	gaggaccctg	360
atattcccac	ccagcatgca	ctttttccag	gccaagcatc	tcattgagag	aagtcaagtg	420
tttaatatc	taaggatgat	gcaaaaagg	gctgccttgc	acctccatga	cattggcatc	480
gtgactatgg	actggctggt	gaggaatgtc	acctacaggc	ctcactgcca	catctgtttc	540
accccaagg	ggatcatgca	gttcagattt	gctcacccaa	ctccccgtcc	atcagaaaaa	600
tgttccaagt	ggattctgct	ggaggattat	cgggaagcgg	tgcagaacgt	cactgagttt	660
gatgacagct	tgtctaggaa	tttcaactct	gtgaccagc	acccggagggt	gatttacaca	720
aacaaaaatg	ttgtctggtc	gaaatttgaa	accatcctct	tcaccatctc	tggctctcatc	780
cattacgcac	cagtgttcag	agactatgtc	ttccggagca	tgcaggagtt	ctacgaggac	840
aacgtgctct	acatggagat	cagagccagg	ctgctgccgg	tgtatgagct	cagtggagag	900
cacatgacg	aagagtggc	agtgaagact	taccaggaag	tagctcagaa	gtttgtggaa	960
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gctgtcatcg	cagaatccat	ccgaatggcc	atggggctcc	gaatcaagtt	ccccacggtg	1080
gtggcagggt	ttgacctggt	ggggcatgag	gacactggcc	actccttgca	tgactacaag	1140
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gaaacagact	ggcagggtac	ttccatagac	aggaacattc	tggatgctct	gatgctgaac	1260
actaccagaa	tgggccatgg	atttgctttg	agcaaacacc	ccgcagtcag	gacttactcc	1320
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gtgcaatggt	gcaatctcgg	ctcactgcaa	cctccacctc	ccaggttcaa	gcaattctcc	2100
tgcctcagcc	tcccaagtag	ctgggattac	aggcatgcac	caccacgccc	ggctgatttt	2160


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gtatttttag tagagacggg gtttctccat gttggtcagg ctggtctoga actccccgacc 2220
tcagggtgatc cgctcgctc ggctcccaa aatgctggga ttagaggcgt gacaccacgc 2280
cgctaatttt tgtattttta gtagagatgg gtatgagcac tgcactccag ctgggtgaca 2340
gagcaagacc cgtct 2355

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<210> 6723
<211> 1162
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(961)
<223> similar to gi4884258 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6723
gggggaagg gtagggctttg cgcaagatgg cggcgctggg ggtgctggag tccgacctgc 60
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tgaaatcact gacacaaaaa gttcaagctg gtgcctatcc tacagaaaag ggtctcagct 180
tcttgaagt gaaagaccag ctgctgctca tgtaccttat ggatttgacc cacctcattc 240
tggacaaagc ctcaggagga tctcttcagg gacatgatgc agttttgaga ctggttagaga 300
ttcgaacggg tttggaaaag cttcgctccct tggacaaaaa gctgaagtat caaattgaca 360
agctgatcaa gactgcagtg acaggcagcc ttagtgagaa tgaccactt cgttttaagc 420
ctcatcccag caatatgatg agcaagttga gctctgagga tgaggaggaa gatgaagcag 480
aagatgacca gtctgaggct tcagggaaga aatctgtgaa gggagtgtct aagaaatatg 540
ttcctccacg cttggttcca gtacattatg atgaaacaga agctgagcgg gagaagaagc 600
gtctagaacg agccaagaga cgggcattga gcagctctgt cattcgtgaa ctttaaggagc 660
agtactcaga tgctccagag gaaatccgtg atgctcggca tccccatgtt acccgccaga 720
gtcaggagga ccaacacagg attaactatg aggagagcat gatggtgcgt ttgagcgtca 780
gtaagcgaga gaaaggacgg cgaaaacgag caaatgtcat gagctcaca cttcattccc 840
ttacacactt cagtgcacac agtgctttga cagggggaac tgttcattct gatgaggatc 900
agaatcctat taagaagcgg aagaagatac ctcagaaagg tcggaagaaa aaagggtttc 960
ggaggcgggc gtgattatgg gtgtacatat ttgtatattt tttgtcatcc tgagatactt 1020
ctaatttcca ttgtattatt aggtggtttt ccctgggaat tccatttaat tgttttgctt 1080
tgggacatgt gggaaagagc cttactaata aaattgattt tacttatgaa ttaaggcccc 1140
tttttgcaca aaaaaaaga ag 1162

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<210> 6724
<211> 1372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (137)...(1057)

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<223> similar to gi3392917 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6724 .

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aacatgcctc	accctcatct	atatcctttg	gcagctcaca	gggtcagcag	cctctggacc	120
cgtgaaagag	ctggtcggtt	ccgttggttg	ggccgtgact	ttccccctga	agtccaaagt	180
aaagcaagtt	gactctattg	tctggacctt	caacacaacc	cctcttgta	ccatacagcc	240
agaagggggc	actatcatag	tgacccaaaa	tcgtaatagg	gagagagtag	acttcccaga	300
tggaggctac	tccctgaagc	tcagcaaaact	gaagaagaat	gactcaggga	tctactatgt	360
ggggatatac	agctcatcac	tccagcagcc	ctccacccag	gagtacgtgc	tgcatgtcta	420
cgagcacctg	tcaaagccta	aagtacccat	gggtctgcag	agcaataaga	atggcacctg	480
tgtgaccaat	ctgacatgct	gcatggaaca	tggggaagag	gatgtgattt	atacctggaa	540
ggccctgggg	caagcagcca	atgagtccca	taatgggtcc	atcctcccca	tctcctggag	600
atggggagaa	agtgatatga	ccttcatctg	cgttgccagg	aaccctgtca	gcagaaactt	660
tctcaagccc	catccttgcc	aggaagctct	gtgaagggtc	tgctgatgac	ccagattcct	720
ccatggctct	cctgtgtctc	ctgttggtgc	ccctcctgct	cagtctcttt	gtactggggc	780
tatttctttg	gtttctgaag	agagagagac	aagaagagta	cattgaagag	aagaagagag	840
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acacaatccc	tcacactaat	agaacaatcc	taaaggaaga	tccagcaaat	acggtttact	960
ccactgtgga	aataccgaaa	aagatggaaa	atccccactc	actgctcacg	atgccagaca	1020
caccaagggt	atttgcctat	gagaatgtta	tctagacagc	agtgcactcc	cctaagtctc	1080
tgctcaaaaa	aaaaacaatt	ctcggcccaa	agaaaacaat	cagaagaatt	cactgatttg	1140
actagaaaca	tcaaggaaga	atgaagaacg	ttgacttttt	tccaggataa	attatctctg	1200
atgcttcttt	agattttaaga	gttcataatt	ccatccactg	ctgagaaatc	tcctcaaacc	1260
cagaaggttt	aatcacttca	tcccaaaaat	gggattgtga	atgtcagcaa	accataaaaa	1320
aagtgccttag	aagtattcct	atagaaatgt	aatgcagtc	gacgcggccg	cg	1372

<210> 6725

<211> 3316

<212> DNA .

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3317)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (18)...(578)

<223> similar to gi412184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6725

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caccatcgag	gactttctacc	gcaaggagat	cgagggtggag	ttcgtcgccg	tcggtggctg	180
ggatatcctg	gacacagcag	ggcaccgagc	agttcggcgt	ccatgcggga	cctgtacatc	240
aagaagggcc	agggctgcat	cctcgtctac	agcctcgtca	accagcagag	cttccaagga	300
catcaagccc	atgcgggacc	agatcatccg	cgtgaaggtc	agtgagaaag	tgccagtcac	360
ctttggtttg	gaaccanagt	ggacctggaa	agtgaagagag	aagtatcgtc	cagcgaaggc	420
agagcccttg	ctgaagagtg	gggctgcccc	tttatggaaa	cttccgctaa	gagtaaaaca	480
atgggtggacg	aactctttgc	agaaaattgtg	aggcagatga	actatgctgc	tcagccctgac	540
aaagatgacc	catgctgttc	tgcatgtaac	atacaatagc	atccaaatat	ggctgtcctg	600
gatgggattt	gcccaatgtc	gtaggtgata	gaaaactcgc	ctactccact	gcagaacttg	660
cagaatgcgt	ggtgttaatc	tacagagAAC	tgCagccctt	attcagaatt	gagcagtgat	720
tgtcagttga	tatctctgag	taacattttg	gttcagtaac	tacagttttc	accattttgtc	780
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aaaaataacc	ataagggaga	aaccagaaga	attcctctga	ccacttaca	ttaaaatatt	960
ttgtcttctt	taaaaaaata	agtaaaggag	aaatattttc	ctacaagagt	actgaatttc	1020
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ctgccaacag	cattacaggg	agattctttg	ctcagctaac	acattttctgt	ttttcaaaat	1140
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cttgtggata	aggatt					3316

<210> 6726
 <211> 3559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3560)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (153)...(1812)
 <223> similar to gi31867 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6726

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ccgtcccggg	gtcaccgccg	agcctgtccg	ctatgcggct	cctgcctcta	gccccaggtc	180
ggctccggcg	gggcagcccc	cgccacctgc	cctcctgcag	cccagcgctg	ctactgctgg	240
tgctgggcgg	ctgcctgggg	gtcttcgggg	tggtcgccgg	aaccgggagg	cccaacgtgg	300
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aatgtgttaa	actgtgaact	ctgcccatgt	gtcaggagtg	gctgtctctg	gtctcttctc	2040
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caganttgca gatagtcac 3559

```

<210> 6727

<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (255)...(1197)

<223> similar to gi4929581 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6727

```

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cctttgcaat cagtaggcct ttgttttctt gcgtggaaag cggttgggct tgggaggcga 240
tggaagccga gttcttgtac gacctgctgc agctcccaa gggggtggag ccccagcgg 300
aggaggagct ctcaaaagga ggaaagaaga aatacctgcc acccacttcc cggaaggacc 360
ccaaatttga agaactgcag aagcctgcag gtgttgatgg agtggatcaa tgccactctt 420
ctccccgagc acatttgtgt ccgcagcctg gaggaggaca tggtcgacgg gctcactcta 480
caccacctat tccagaggct ggcggcgctc aagctggaag cagaggacat cgccctgaca 540
gccacaagcc agaagcaca gctcacagt gtgctggagg ccgtgaaccg gagtctgcag 600
ctggaggagt ggcaggccaa gtggagcgtg gagagcatct tcaacaagga cctgttgtct 660
accctgcacc tccttgtggc cctggccaag cgcttcagc ccgacctctc cctcccaacc 720

```

001210" 52280460

aacgtccagg	tggaggtcat	cactatcgag	agcaccaaaa	gtggtctgaa	gtcagagaag	780
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gatgaattat	ttaagctggc	tccggagaaa	gtgaacgcag	tgaagaggc	catcgtgaac	900
tttgtcaacc	agaagctgga	ccgcctgggc	ctgtctgtgc	agaatctgga	caccagttt	960
gcagatgggg	tcatcttact	cttgctgatt	ggacaacttg	aaggcttctt	cctgcactta	1020
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tcccgtgtt	tcctgtgcat	tcgtgaccgc	cttccctccc	accctgtctc	ctgtctccat	1380
cgttgatta	tctttgaacc	cccttgtgtg	gatcattttg	agccgcctgg	ccttgctcag	1440
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<210> 6728

<211> 1561

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1415)...(314)

<223> similar to gil93840 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6728

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gcggtgtctg	ggtgggcggg	accagcgccg	gggcggggct	acggactcag	gctgggagaa	180
cctcccccta	gcccgcgcga	gggcggcacc	cgcgagggtc	ccggggggcg	ctgggcagtg	240
tggggcgcg	ggattggaca	agaggccgac	tgaaggcgga	gccgaggtaa	ggccgggcgg	300
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gggcccggta	gccctcgtag	agcagatcgt	gcgtcacctc	tttcagggtc	tgcagggtg	600
tctgcaccag	catccgtcgc	aggttcagga	aatcgacgtg	atgtgggttc	tccacctcca	660
cggcccccca	ggagtagcgg	cgtccccctc	ccggccgggt	cccgccatcc	ctcaccacct	720
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catagaggtt	ggtgaggaag	aggctgttga	tgagggtgga	tttccctagg	cctgactccc	1320
ctgccaccat	tagcgtgaag	tcaaaccctc	tcttgacaga	cttgcggtgc	agctgggttg	1380
ggagagcagc	aaaaccacg	tactccttgt	ccatgactcc	gccagccatc	actgcacctg	1440

```

ccgtctctcc ccacttcctc tgggtggggca ggaagctgag tgcgggttca accctccatc 1500
cttcacacat ctggattcca agtcccactg tagctccatc atcgacgaaa tcgtcgaccc 1560
g 1561

```

```

<210> 6729
<211> 1539
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1540)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (520)...(620)
<223> similar to gil786168 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6729
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actgtctcac atctaacaag cacactcacc ctaccccggt ttctctaggt cagagcttgg 180
ggaaagccaa agggtaaggg caggccatgg tcttcttacc cctgggacac cgggcgggaa 240
gacgtactgg atgacaatgg tgccgtactt ctcatagctg ggcagtagga ggggtggcgtc 300
cttagagacc agcatccgcc cattctgggg ctggttgccc accagctgcc catagaagcg 360
gccgcacatg gggcaggcct ttttcacctg cagagcccgg gtgatgacag cacctctcag 420
aatgaatgcc ggcacttctc caatgtcttg gcattctgga tctccccag acagatgggg 480
caggtgctct cctgctcttc tgccctctcc cgaaggcgag gaggaagagg tgggggcagg 540
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gagagggggg gggcctgcgc ggtgcatctc aggggtgctcc cctccacccc ccagaagcca 660
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<210> 6730
 <211> 4569
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (23)...(4257)
 <223> similar to gi3413884 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6730

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agtggataaa	actaccacag	tttctgtgag	ccagcagcca	gtctcggctc	cagtgcccat	180
cgctgcccac	gcttctgttg	ctgggcacct	ctctacatcc	accaccgtta	gtagcagcgg	240
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caatcatgtg	actagttccc	ctgtggcctc	acaaccaata	tttatcacta	cgcaggggatt	480
tcctgtaagg	aatgtccggc	ctgtacaaaa	tgcaatgaat	caggttggga	ttgtgctgaa	540
cgtaacagca	ggccaaacgg	ttagaccaat	tacactagtt	ccagccccag	gtacccagtt	600
tgtaaagccg	acagttggag	ttccacaagt	gttctcccag	atgacccctg	tgaggccagg	660
ctccacaatg	cctgtgaggc	ccaccaccaa	caccttcacc	accgtcatcc	cggccactct	720
taccattcga	agcaccgctc	cacagtccca	gtcccagcag	accaagtcca	ctcccagcac	780
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agtgaacatt	gccagctttg	tcactgtgaa	gcgacctggg	gttacaggcg	aaaatagcaa	960
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aaaaaaaa						4569

<210> 6731

<211> 3053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(2365)

<223> similar to gill163174 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6731

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<211> 1704
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1699)...(1169)
 <223> similar to gi473943 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6732

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<210> 6733
 <211> 2863
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (273)...(2657)
 <223> similar to gi4186038 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6733

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<210> 6734
 <211> 2958
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2610)...(307)
 <223> similar to gi2052191 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6734

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<210> 6735

<211> 2314

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (88)...(1621)

<223> similar to gi510408 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6735

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<210> 6736
 <211> 2622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (83)...(2325)
 <223> similar to gi53466 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6736	
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gccagaaaga	aaaaagaatc aaccaccaa gcagtgggtg ggaccagcag ctacacctatt 1440
aaagcaattt	tccccagccc aacttcaact gtggcgacca caccaagcct tgtgactage 1500

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<210> 6737

<211> 4585

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4586)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4225)...(934)

<223> similar to gi5262574 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6737

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cagttaaaac ccaaagcaaa gcatcacgtt tggatgtgaa aaagtcttag aaaattaact 180
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aaactgacat ttccagagat ccctaaacta atcaactagt tctgccaag tgcccggggc 720
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<210> 6738
 <211> 1209
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1210)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (951)...(0)
 <223> similar to gi205755 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6739
 <211> 2160
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (26)...(795)
 <223> similar to gi407468 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6739

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<210> 6740
 <211> 1751
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1680)...(602)
 <223> similar to gi4929619 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6740

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cagattgtaa	c						1751

<210> 6741
 <211> 1459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (236)...(1461)

<223> similar to gi3713994 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6741

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acggactgtc tgccctgata gaatctcagc ttcaacgtat cagaggagac tgacttgacc 180
aatggtgggg atgagtcgcc tgagaaatga cagactggct gaccactga caggtggctg 240
cagcgtgtgt tgcaagtctt cttggaatca gctgcaggac ctgtgccgcc tggccaagct 300
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gcacctggac ccaagcttgg ccaactacct ggtgcagaag gccaaagcaga ggcggggcgc 600
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tgggtccct ggctccccta agaagcgggt ccgtattgaa tgcaagtgtg ggactgagtc 1440
ctgccgcaaa tacctcttc 1459

<210> 6742

<211> 1542

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1291)...(539)

<223> similar to gi5802176 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6742

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aggcccggga aggaccggc accctcccct gaacttcctg gctactcatt tccagcgaag 180
tttaatctat ttttaataat cgttcagttt tcaaggaaat ggaggagctg tttttccca 240

cggagcggcg	gccctgggag	gggccggggc	cagaggttcc	ggccgcgatg	ccgtcagcgc	300
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atgtagctct	ccagctcctc	ggcggtcacg	atgccgtcgt	ggttggagtc	aatgagctcc	420
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cgctcctggc	cagggtcccgg	acgatctcct	tcaccatgaa	cctgaagcat	tcccccggt	600
gtgctcgggg	tggaggaacg	acaggaactc	ctcctccgtc	agcagcaggt	ctgcaggggg	660
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tgggaggggc	aggggcaggg	gcagaggagg	aagtgaggtc	ctggctccaa	tccaatcccc	1380
gggcaccacg	gagggctctg	tgtccccagg	acggccgcag	gatggggaca	agcagctcac	1440
agtcgggtct	cctccccgcg	ctcgggatcc	gaggaccgga	gcgaagcgtc	agtgacgccg	1500
ccaacggggc	cggatcaggc	cactgccatc	tttcttgctg	gc		1542

<210> 6743

<211> 5830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (155)...(1655)

<223> similar to gi4160197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6743

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cgcgggcatg	ctggcggttc	tcggtgccgt	catctgcac	atcgccagcg	tgcccctggc	240
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ggccgagcag	ctgcgccaga	cgccgctgca	gcaggaggcg	cgcacccgcg	ccgaccagga	600
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<210> 6744
<211> 1021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (903)...(276)
<223> similar to gi4929729 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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a						1021

<210> 6745
 <211> 1209
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (196)...(1099)
 <223> similar to gi4239974 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gagaccgagc	gcccggccatg	ggaagcttcc	agctggaaga	ctttgcggcg	ggctggatcg	240
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<210> 6746
 <211> 3138
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2906)...(2172)
 <223> similar to gi5262555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6746

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<210> 6747
 <211> 5944
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(5945)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (47)...(4148)
 <223> similar to gi804990 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6748
<211> 1201
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (144)...(962)
<223> similar to gi2916802 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cacagcaggc ccggccact gttatccgct ggtctgaagg aggcaaggag gtcttcatct 420
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<211> 2026
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (55)...(1028)
<223> similar to gi4929611 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cccttccctc cccagttgt ggggaatagg aaggaaagg gaagggaat actgaggacc 1140
aaaaagttct ctgggagcta aagatagagc ctttggggct atctgactaa tgagaggga 1200
gtgggcagac aagaggctgg cccagtcctc aaggaacaag agatgggtcaa gtcgctagag 1260
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gacatggaca tgggtgtcca tgcccagatg ataaacactg agctgccaaa acattttttt 1860
aaatacaccg gaggagccca agggggaagg gcaatgccta cccccagcgt tatttttggg 1920
gagggagggc tgtgcatagg gacatattct ttagaatcta ttttattaac tgacctgttt 1980
tgggacctgt taccacaata aaagatgttt ctagacaaaa aaaaaa 2026

<210> 6750
 <211> 2026
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (16)...(1867)
 <223> similar to gil80357 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6750

caacggacgg	acgccatgag	ggctctgctg	ctcctggggg	tcttgctggt	gagcttggag	60
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cacacagtcg	ttctcactgt	caccggggag	ccctgccact	cccccttcca	gtaccaccgg	180
cagctgtacc	acaaatgtac	ccacaagggc	cggccaggcc	ctcagccctg	gtgtgctacc	240
acccccaaact	ttgatcagga	ccagcgatgg	ggatactgtt	tggagcccaa	gaaagtgaag	300
gaccactgca	gcaaacacag	cccctgccag	aaaggaggga	cctgtgtgaa	catgccaaagc	360
ggcccccaact	gtctctgtcc	acaacacctc	actggaaacc	actgccagaa	agagaagtgc	420
tttgagcctc	agcttctccg	gtttttccac	aagaatgaga	tatggtatag	aactgagcaa	480
gcagctgtgg	ccagatgcca	gtgcaagggt	cctgatgccc	actgccagcg	gctggccagc	540
caggcctgcc	gcaccaaccc	gtgcctccat	gggggtcgct	gcctagaggt	ggagggccac	600
cgctgtgccc	actgcccggg	gggctacacc	ggacccttct	gcgacgtgga	caccaaggca	660
agctgctatg	atggccggcg	gctcagctac	cgcggcctgg	ccaggaccac	gctctcgggt	720
gcgcccgtgc	agccgtgggc	ctcggaggcc	accttaccgg	aacgtgactg	ccgagcaagc	780
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ccagacccca	acccaggcgg	cgccctccgac	cccgggtgct	cctaggtctc	atgtccact	960
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aggaccggcc	cgcaaccgag	gatctgacgg	tgggtgctcg	ccaggaacgc	cgtaaccaca	1320
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agcgccgggt	caccctgcaa	ggcatcatca	gctggggatc	gggctgtggt	gaccgcaaca	1800
agccaggcgt	ctacaccgat	gtggcctact	acctggcctg	gatccgggag	cacaccgttt	1860
cctgattgct	cagggactca	tctttccctc	cttggtgatt	ccgcagtgag	agagtggctg	1920
gggcatggaa	ggcaagattg	tgtcccatte	ccccagtgcg	gccagctccg	cgccaggatg	1980
gcgcaggaac	tcaataaagt	gctttgaaaa	tgttgaaaaa	aaaaaa		2026

<210> 6751
 <211> 1039
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (557)...(136)
 <223> similar to gi4336855 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6751
 tttttttttt ttggcgctgc caaaactcat ttttcattaa cacggggtgg ggtcccaggc 60
 tcaggccccc gggcccgatc atggccccag tccgcacaga gcgcccggcc ctggccgccc 120
 gcagctccac cgctcagcca gtgatgcgca catccgtgcg gcggcggatc cgccgggccc 180
 gagccgcctc gggcaggatg gcgagcagct gctcttgac cagcatctcc acgatcttgc 240
 tccttggtgc gggatgtcag gccgcagcca ctggcgggga caagctcccg cagctgccgg 300
 aaagcctccc ggggacccgc cgcatcctgg tagcggaact gccggaaacg ctggcggaac 360
 gtctcgggac cgagtctaga gccggcgggg cctggtgtgg agcgcgcttc agcttcggcc 420
 tgaggcgcta cgctcacggg tgcgggcccc agaggcagct ccagggccgc ggaggccgca 480
 gctcggggcg tagggatggc ttcagggacc gcggcggttg gactggaagg ctcaggggca 540
 ggcggtgagg cctctggcag cgaggagccc acacagttac gctcaggggc tgagctcgaa 600
 ccggctcctt ccagtttctc cgggtggcacc gccgcgggac tcccagtggc cgccaagatc 660
 ggctccgtag ccgccataac tccagctccg ggcgtcactc tttgtccggt agctgtgtgc 720
 tcagcactgc gtctgcgcgg ggggtggggtg agcagggaga cgtttccggt taaagggcag 780
 agctcgcgtc acccttgagg gactcggact cgggacccgc cgagagtgtg cggagcttac 840
 ctgcaccagc gaagcgcctg cggcagccgg aagcgaaagt ctctggcttc tctgcgtcca 900
 ggtcggcgcg cgagcaccgc gaagccgctt gcgggctccc ggaagcggcg ccctctagcg 960
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 ctcgcgccga attcccagg 1039

<210> 6752
 <211> 1773
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1774)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1702)...(562)
 <223> similar to gil73267 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6752

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agagagaaat gtccagacat caagagaagc tgtgtatgtg gcctggattt tagaatgaga      60
tggtccagca gcttcctctt cctccctgga gaagagctat gagctgccag atgggcaggt     120
tatcaccatt ggcaatgagc gcttccgntg ccctgagacc ctcttccagc cttcctttat     180
tggtcatggag tccgctggaa ttcagtagac aacctacaat tccatcatga agtgtgccat     240
tgacatccgt aaggacttat atgccaaaca tgctctcttt gggggccccc ccatgtaccc     300
tggtattgct gacaggatgc aaaaggagat cacagccctg gccccagacc ccatgaagat     360
caagattatt gctcccccaa agcggaagta ctcagtttgg atcggggggg ttatcctggc     420
ctctctttcc ccttccaac aaatgtggat cagcaagcct gagtatgatg aggcagggcc     480
ctccattgtc cccaggaagt gtttcatgac tggtaacaga gtagtctcga ggggatcctt     540
ggagaacctg ttctgacttt agaagcactt cctgtggaca atggagggcc ctgcctcatc     600
atactcaggc ttgtgatcc acatctgctg gaaggtggag agagaggcca ggatagagcc     660
cccgatccag actgagtact tccgctctgg gggagcaata atcttgatct tcatggtgct     720
gggggccagg gctgtgatct ccttctgcat cctgtcagca atgccagggt acatggtggt     780
gccccagag aggcatttgt tggcatataa gtccttacgg atgtcaatgt cacacttcat     840
gatggaattg taggttgtct catgaattcc agcggactcc atgccaataa aggaaggctg     900
gaagagggtc tcagggcagc ggaagcgctc attgccaatg gtgataacct gcccactctg     960
cagctcatag ctcttcttcc agggaggaag aggaagctgc tgtggccatc tcatttctca    1020
aaatcctggg ccacatagca cagcttctcc ttgatgtctc gcacaatttc tctctcagct    1080
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atggggacat tgtgggtgac gccatcacc tgaatccagg acgatgcctg tctgtcggcc    1260
agaggcatag agggagagca cagcttgaat ggcgacgtac atggcaggga cattgaagg    1320
ttcaaacatg atctgggtca tcttttccct gttggccttg ggatttaggg gagcctctgt    1380
gagcagggtg ggggtgcctct tccagggtgt aacacgcagc tccattgtaa gaaggagtgg    1440
tgcccagatc ttctccatgt catcccagtt ggtgatgatg cccgtgttcc aatgggggat    1500
ttgagagtta ggatccctcg cttgctctga gcctcatccc cccacatagc tgtctttctg    1560
gcccattccc accatcacac cctggtggcg agggcgccc acaatggagg ggaagacagc    1620
ccggggggca tcatctctcg cgaagcctgc cttgcacagg ccagagccat tgtcacacac    1680
gagcgcggtg gtctctctt cacacatggt gtatgtggct gagttagctg gggactggag    1740
caccgagggt atgagaggtt cttctcccag tga                                1773

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<210> 6753

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (298)...(0)

<223> similar to gi2465332 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6753

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gagttttggg tccacggata aaacgtgtct cttttgtctc taccagaaaa tgaaaggaat      60
tgaaattaag agaagggaga gattgaagtg tagcgccaag attgaaagga gaaagaggtt     120
gagggatagt gaggcaagtt ggagaagaga gtaaaaagag gccgcttacc tgatttgaaa     180
ttggtgatag gtttcttggg ctggctgggtc tgaggacctg aggtcatagg tggatctttc     240
tcacggagca aagagcagga ggacagggga ttgatctccc aagggaggtc cccaattcgc     300

```

```

agtcacagca ccaaatttca tgcgcgtccg tgtgaagaga ccaccaaaca ggctttgtgt 360
gagcaacatg gctgttttatt tcacctgggt gcaggcgggc tgagtccgaa aagagagtca 420
gcgaagggag ataggggttg ggccgtttta taggatttgg gtaggtagt gaaaattaca 480
gtcaaagggg gttgttctct ggcgggcagg ggcggggggt gcaaggtgct cagtagggga 540
gcttctgagc aaggatgagc caggagaagg aatttcacaa ggtaatgtca tcagttaagg 600
cagaaaccag ccattttcac gtcttttgtg attcttcagt tgcttcaggg catctggatg 660
tatacgtgca ggtcataggg gatatgatgg cttagcttgg gctcagaggc cggacattcc 720
tgtcttctta tactaaagct cggcttctgt gatggtccag gggacttccg aggcgatcgg 780
gcagcgtcaa tcttcagtcg ctaagccgaa tagatctggg aaggagtcag agagccttgg 840
gctagagctt taggggctcc aggagtggct gtcgggcgag ctgggcagtc tgatttccag 900
tgggtgccag atttgaaatt ggtgagatgt ttcttgggct ggttgggtctg aggacctgag 960
gtcgtaggtg gatctttctc acggagcaaa gagcaggagg acaggggatt gatctcccaa 1020
gggaggtccc ccgatccgag tcacggcacc aaatttcatt cgcgtccgtg tgaagagacc 1080
accaaacagg ctttgtgtga gcaacgaggc tgtttatttc acctgggtgc aggcgggctg 1140
agtccgaaaa 1150

```

```

<210> 6754
<211> 1618
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (35)...(976)
<223> similar to gi3851518 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6754
agcgcagggtg ggccccgcgt ctcgcccttg caagatgccc ctgaagctgc gggggaagaa 60
gaaggccaag tccaaggaga ccgcccgggt ggtggagggc gagccgacgg gcgcgggcgg 120
cgggagcctc tcagcgtccc gggctcccgc acgcaggctg gtcttccacg cgcagctggc 180
gcacggtagt gccacggggc gagtggaggg cttctccagc atccaggagc tctacgcca 240
gatcgcgggc gcgtttgaaa tctcgccgtc ggagatctta tattgcactt taaacacacc 300
taaaattgac atggaaagac tcttaggagg acaactagga ctagaagatt tcatatttgc 360
ccatgtgaaa ggaatcgaaa aagaagtga tgtgtataaa tctgaggatt cacttgggtc 420
caccattaca gataatggtg ttggctatgc ttttataaaag agaattaaag atggtggtgt 480
tattgactca gttaaaacaa tctgtgttgg ggatcatatt gaatccataa atggagaaaa 540
tattgttggg tggcgtcact atgatgttgc taagaagtta aaggaaattaa aaaaggagga 600
actctttact atgaagttaa tagaacctaa gaaggcattt gaaatagagc tgaggtcaaa 660
ggctgaaaag tcatcaggag aaaaaattgg ttgtggaagg gcaacacttc gcctgagatc 720
aaaaggtcct gccaccgtgg aagaaatgcc ttctgaaacc aaagcaaagg gcaattgaaa 780
agattgatga tgttcttgag ttgtacatgg gaattcgaga tattgattta gccaccacaa 840
tgtttgaaagc tggaaaggac aaagtaaate cagatgaatt tgctgtggca cttgacgaaa 900
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atgccaaacg aagaggatta tgatgtgtac actccatctc tgaagaaaca acccatcggt 1020
cttttttttt ctctttttta aaaagtccta taagatctgt ttttggacac ctttactaac 1080
tctggtttta tttcatgtgt atggaatata ttctttgaaa tataattttg gtaattttga 1140
tttctgggca ctttttaaca ttgctgatgt agtatgctta agagaaatga cctaaataag 1200
gatcaattgt aatattcatt caaaagggtt ttaaaagtaa gttttaagga gtatttctcg 1260
acagatgatt ttaataaccc ctcatacca tgctttgttt ttcacatata aatagatgat 1320

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ttcaatagct	ttgtagtttt	ttttcaaaat	cttaatgtaa	actaggattg	gagtatgatt	1380
tacctcatag	tatcttcact	gtgttatcct	agtttgaaca	ggatatgttc	aggaaatgaa	1440
agggtgaatta	tgccccttat	tgggtctagaa	gcattgggtt	ttttttgatc	ctctgagtaa	1500
gggaagggaag	attcctgtgg	catgttgatt	tctatggcca	actttctctc	tttgtaaaac	1560
aaagattgat	tgatttttctt	gtatgcttct	ttatacatgc	tcttaaaact	tgtgggttg	1618

<210> 6755

<211> 3367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(3369)

<223> similar to gi4585229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6755

gcacgaggga	aaactaactg	gaaggaagtt	taaatacaga	aagagcaaag	tattatctaa	60
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cttcgatctc	tcaagagcct	agtttagcag	acataaaagc	ccggattcag	gattcagatg	180
aaccagacct	gagtcagaac	tccatcacag	gggaacacag	ccaactgtta	gacgacggac	240
ataagaaagc	tcgaaatgct	tatctcaata	attccaatta	tgaagaagga	gatgaatatt	300
ttgataaaaa	tttggcactc	tttgaggaag	aaatggacac	cagaccgaag	gtgtcttccc	360
tcctcaaccg	catggccaat	tacactaatc	tgactcaagg	agcaaaggaa	catgaagagg	420
cagaaaacat	cactgaaggg	aaaaagaagc	ccaccaagac	cccccaaag	ggtaccttca	480
tgggtgtcta	cctcccatgt	ctacaaaata	tttttggagt	gatccttttt	ttacgcctta	540
catgggtggt	gggcacagct	ggagttcttc	aggcttttgc	aattgtcctt	atctgctgct	600
gctgtacaat	gttgactgct	atctccatga	gtgccattgc	cactaatgga	gtggtgccag	660
ctgggggctc	atactttatg	atttcccggg	cactgggccc	agagtttggt	ggggctgttg	720
gcctctgctt	ttatcttggt	accacatttg	cagcagccat	gtacatcctt	ggtgccattg	780
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aggaatcagc	agccatgcta	aataacatgc	gtgtctacgg	cacagctttc	ttggtcctta	900
tggattagtg	ggtattttatc	ggcgtagcgt	atgtgaacaa	gtttgcctca	cttttcctgg	960
cctgtgtcat	tgtgtccatc	ttggccatct	atgctggagc	catcaagtct	tcttttgctc	1020
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tcacttcaat	ccagggcatt	cctggattgg	ctagtgggtat	aattacagag	aatctttgga	1260
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ttgcagagct	tgggaatactc	attgectccc	tggatcttgt	ggccccaatt	ctttccatgt	1860
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caccactg gagacccga ttccgtact accattgggc cttttctttc atgggaatga 1980
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ccaggacctg cttaacatgc gtccggacca gtccaatgtg aggcggatgc atacagcagt 3180
gaaactcaac gaggttatag ttaacaagtc ccatgaagca aagctgggtt tattgaatat 3240
gccaggggca ccccgaaacc ctgagggtga tgaaaactac atggagttcc tagagggtgct 3300
taccgaggga ctagagcgag tctacttgt ccgggggtgt ggcagtgaag tgatcaccat 3360
ttattca 3367

```

<210> 6756

<211> 1875

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (109)...(1672)

<223> similar to gi4929565 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6756

```

ccacgtgagc gcctgcgttt ctctcaaac ctaacgatgc cgccggagcg gaggagacga 60
atgaaactgg accggagaac cggagcgaag ccgaagcgga agcccgaat gagggcggac 120
tggaagcccg gagcggggcc aggcgggcct ccccaaaagc ctgccccttc atcccagcgg 180
aaaccgcccg cccggccgag cgcggcgccc gctgcgattg cagtcgcggc ggcggaggaa 240
gagagacggc tccggcagcg gaaccgcctg aggtctggag aggacaaacc ggccgtggag 300
cgggtgcttg aggagctggt ctccggcgac gtcgagaacg acgaggacgc gttgctgcgg 360
cgtctgcgag gcccgagggt tcaagaacat gaagactcgg gtgactcaga agtgaggaaat 420
gaagcaaaag gtaattttcc acctcaaaag aagccagttt ggggtggatga agaagatgaa 480
gatgaggaaa tggttgacat gatgaacaat cggtttcgga aggatatgat gaaaaatgct 540
agtgaagta aactttcgaa agacaacctt aaaaagagac ttaaagaaga attccaacat 600
gccatgggag gagtacctgc ctgggcagag actactaagc ggaaaacatc ttcagatgat 660
gaaagtgaag aggatgaaga tgatttggtt caaaggactg ggaatttcat atccacatca 720

```

```

acttctcttc caagaggcat cttgaagatg aagaactgcc agcatgcgga atgctggaac 780
gtcctactgt tgctcggatc tccatctgtg cagttccatc ccggtgcaca gattgtgatg 840
gttgctggat tagataatgc tgtatcacta tttcaggttg atgggaaaac aaatcctaaa 900
attcagagca tctatttggg aaggtttcca atctttaagg cttgttttag tgctaattggg 960
gaagaagttt tagccacgag taccacagc aaggttcttt atgtctatga catgctggct 1020
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gaagtctccc cagatgggtc cttcttgctc ataaatggca ttgctggata tttgcatttg 1140
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tccacattct cttcagatag taagaaagta tacgcctctt cgggggatgg agaagtttat 1260
gtttgggatg tgaactcaag gaagtgcctt aacagatttg ttgatgaagg cagtttatat 1320
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gctataatga acttggttac aggtgttact tctctgacct tcaatcctac tacagaaatc 1500
ttggcaattg cttcagaaaa aatgaaagaa gcagtcagat tggttcatct tccttcctgt 1560
acagtatttt caaacttccc agtcattaaa aataagaata tttctcatgt tcataccatg 1620
gatttttctc cgagaagtgg atactttgcc ttggggaatg aaaagggcaa ggccctgatg 1680
tataggttgc accattactc agacttctaa agagactatt tgaagtccag ttgagtcaca 1740
agagaagcct gtcttgatat atcatctcag aaactttcct gaatatgtgg ataatatatg 1800
gaaaatgatt tatagatccc agctgtgctt aagagccagt aatgtcttaa taaacatgtg 1860
gcagcttttg tttga 1875

```

```

<210> 6757
<211> 4365
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(4366)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (158)...(4147)
<223> similar to gi2982501 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6757
ccccacgcca cccaagcat cccaggactc ttctgaaaca gggcagtgac ccgggaggaa 60
gtcaccaggt gcagaggacc gtgccctgtg gggacctgcc tgcaggctgc tgacagactc 120
cgggctacca gatcgccgt ccagctggaa tcaaccgatg gaggtccgc tgcaaaactgg 180
aatggtgctt ggcgtgatga tcggggccgg agtggcggtg gtggtcacgg ccgtgctcat 240
cctcctggtg gtgcggaggc tgcgagtgcc aaaaacccca gccccggatg gccccggta 300
tcggttccgg aagagggaca aagtgtctct ctatggccgg aagattatgc ggaaggtgtc 360
acaatccacc tcctccctcg tggatactc tgtctccgcc acctcccggc cacgcatgag 420
gaagaaactg aagatgctca acattgccaa gaagatcctg cgcattccaga aagagacgcc 480
cacgctgcag cggaaggagc cccgccccgc agtgctagaa gctgacctga ccgagggcga 540
cctggctaac tcccatctgc cctctgaagt gctttatatg ctcaagaacg tccgggtgct 600
gggccacttc gagaagccac tcttcctgga gctctgccgc cacatggtct tccagcggct 660
gggccagggt gactacgtct tccggccggg ccagccagat gccaaagcat tacgtggtgc 720

```

aggacgggct	gctggagctc	tgtctgccag	ggcctgacgg	gaaggagtgt	gtgggtgaagg	780
aagtgggttcc	tgggggacaag	cgtaacacagc	cttctcaagc	atcctggatg	tcatcaccgg	840
tcaccagcat	ccccaaagcgg	gaccggtgtc	tgcccgggcg	gcccgggact	ccacggtgct	900
gcgcctgccg	gtggaaacat	tctccgcggt	cttcaccaag	taccgggaga	gcttgggtgcg	960
ggtcgtgcag	atcatcatgg	tgccgctgca	gcgagtcaacc	ttcctggcac	tgcacaaacta	1020
cctgggtctg	accaatgagc	tcttcagcca	cgagatccag	cccctgcgtc	tgttccccag	1080
ccccggcctc	ccaactcgca	ccagccctgt	gcggggctcc	aagagaatgg	tcagcacctc	1140
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gcttgacct	acaggggacc	ctgtgaagcc	cacatccctg	gaaacccct	cggccctct	1260
gctgagccgc	tgcgtctcca	tgccaggga	catctcaggc	ttgcagggtg	gccccgctc	1320
cgacttcgac	atggcctatg	agcgtggccg	gatctccgtg	tccctgcagg	aagaggcctc	1380
cggggggtcc	ctggcagccc	ccgctcggac	cccactcag	gagcctcgtg	agcagccggc	1440
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ggccctacca	gggcccag	accagcagca	tcttcgaggc	agcaaagcag	gagctggcca	1560
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tgtcgccctt	cgtgcgccag	atggacttcg	ccatcgactg	gactgcagtg	gaggcgggac	1980
ngcgcgctgt	acaggcaggg	cgaccgctcc	gactgcactt	acatcgtgct	caatgggcgg	2040
ctgcgtagcg	tgatccagcg	aggcagtggc	aagaaagagc	tggtgggcca	gtacgggcgc	2100
ggcgacctca	tctgcgtggt	ggaggcactg	acccggcagc	cgcgagccac	gacggtgcac	2160
gcggtgcgcg	acacggagct	ggccaagctt	cccaggggca	ccttgggtca	catcaaacgc	2220
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gaactcacca	acccagccag	caacctggca	actgtggcaa	tcctgcctgt	gtgtgctgag	2400
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ctactcctta	acagtgcacat	catccgggga	cgcctggggg	cctccgcact	ggatagcatc	2520
caagagtcc	ggctgtcagg	gtggctggcc	cagcaggagg	atgcacaccg	tatcgtactc	2580
taccagacgg	acgcctcgct	gacgccttg	accgtgcgct	gcctgcgaca	ggcccgactgc	2640
atcctcattg	tgggcctggg	ggaccaggag	cctaccctcg	gccagctgga	gcagatgctg	2700
gagaacacgg	ctgtgcgcgc	ccttaagcag	ctagtcctgc	tccaccgaga	ggagggcgcg	2760
ggccccacgc	gcaccgtgga	gtggctaaat	atgcgcagct	ggtgctcggg	gcacctgcac	2820
ctgcgctgtc	cgcgcgcct	cttttcgcgc	cgcagccctg	ccaagctgca	tgagctctac	2880
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atcgaggtac	taaaggcatt	agaggaggcg	ggggtccccg	tggacctggt	gggcggcacg	3060
tccattggct	ctttcatcgg	agcgttgtac	gcggaggagc	gcagcgccag	ccgcacgaag	3120
cagcgggccc	gggagtgggc	caagagcatg	acttcgggtg	tggaaacctgt	ggtggacctc	3180
acgtacccag	tcacctccat	gttcaactgg	tctgccttta	accgcagcat	ccatcgggtc	3240
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gatggcggtc	acatcaacaa	tctgccagcg	gacatcgccc	gcagcatggg	tgccaaaacg	3480
gtcatcgcca	ttgacgtggg	gagccaggat	gagacggacc	tcagcaccta	cggggacagc	3540
ctgtccggct	ggtggctgct	gtggaagcgg	ctgaatccct	gggctgacaa	ggtaaagggt	3600
ccagacatgg	ctgaaatcca	gtccgcctg	gcctacgtgt	cctgtgtgcg	gcagctagag	3660
gttgtcaagt	ccagctccta	ctgcgagtac	ctgcgcccgc	ccatcgactg	cttcaagacc	3720
atggactttg	ggaagttcga	ccagatctat	gatgtgggct	accagtacgg	gaaggcggtg	3780
tttgagggtc	ggagccgtgg	caacgtcatt	gagaaaatgc	tcacagaccg	gcggtctaca	3840
gaccttaatg	agagccgcgg	tgcagacgtg	cttgccttcc	caagctctgg	cttcaactgac	3900
ttggcagaga	ttgtgtcccg	gattgagccc	cccacgagct	atgtctctga	tggctgtgct	3960
gacggagagg	agtcagattg	tctgacagag	tatgaggagg	acgcgggacc	cgactgctcg	4020
agggatgaag	gggggtcccc	cgagggcgca	agccccagca	ctgcctccga	gatggaggag	4080
gagaagtcga	ttctccggca	acgacgctgt	ctgccccagg	agccgcccgg	ctcagccaca	4140

gatgcctgag	gacctcgaca	ggggtcaccc	cctccctccc	acccctggac	tgggctgggg	4200
gtggccccgt	gggggtagct	cactccccct	cctgctgcta	tgcctgtgac	ccccgcggcc	4260
cacacactgg	actgacctgc	cctgagcggg	gatgcagtgt	tgcactgatg	acttgaccag	4320
ccctccccc	aataaactcg	cctcttgga	atggcaaaaa	aaaaa		4365

<210> 6758
 <211> 858
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (215)...(603)
 <223> similar to gi4580592 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6758		
ctgagtctta	cctcgttgtg	gcgtcagaac
tacctgttcc	cggtgtccct	gaggacgtgc
ggagggggag	caggtttgcg	gggccaagtg
ggaggaggag	actgcaagga	taggcccagg
aaacaatctc	atcgtggaaa	atgtcaacca
agttgcta	aaaggggagc	ccttgccct
tagaggaaac	cgtaggcggt	tccgcgttag
aatgcatagg	cttgagagc	cacaggcaag
ggaggagggtg	agacagctga	tggaaaagct
ggcagtcagc	actgatcccc	ctcaccatga
gaaacctgat	ggttaccatt	ctgatgttaa
atgtgtggtg	tacctttgtc	gtaaacgttt
ttaccagctt	ctaaatgaat	gttgtttttg
agttttacct	attgcatgga	aaaatgcccc
taaaaagcaa	aaaaaaaa	

<210> 6759
 <211> 1465
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1466)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (583)...(446)

<223> similar to gi3093363 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6759

tttttttttt	ttctcactaa	agaatattca	tttatttata	attattgcta	agtaaacttc	60
tcttttaaac	aggaacataa	aaacacagta	gggctttgca	caagtggaat	ctctaaacag	120
ttggtttgta	tacatgtcaa	aataagttag	aatggaattt	gtccaggagt	ttccaagtca	180
cccagagagg	tgtgcacctc	ttttgagaag	gttagggagg	ggtacagaca	ggagccttgc	240
caagaccacc	ccccagctca	aactgtgagt	tgtgctgttt	cctcctccta	gctttgccca	300
ggtccaaggc	acagggcagg	gggcgttcaa	gtatcgaacc	tcacagaggg	ccagtgtcta	360
cggcggggct	gggggaggga	aaggagagcc	ccaccctggg	ggccagacct	tctcccttca	420
gtttccaaga	ccaaggccac	tgcactggca	ggaggaggga	ggaggaggag	aggtacaggg	480
ttcttttttg	taccagggga	gaaagacgtg	ggaagaggta	gttgagggg	atgatgcctt	540
ctgctcagca	ggagaaaatg	tcttatacag	tgacggggtc	actgccacct	gagggtcac	600
atggcgggca	cctgggaggt	cgtggggctt	cggggtctgg	aagccatact	tggggcacct	660
tgtccacccc	tcagtctcta	tcacagtcac	cctgaggcct	ggcttggtcc	ttcacttaag	720
gatccagcct	tgggggtggc	tgcgtgcag	attggttcct	cccaccgcag	gctgttcctt	780
tctccggggt	tctaggctga	agctagtggc	ttcatctgtg	cctttgggga	agacccttgc	840
ttgccccctc	ccactgaggc	ctcaggaggc	aagtgggtgg	gggggtccgg	gtgccctaga	900
gttcctgaat	gtgctattca	ctgccctggg	cctgtcatct	ctgggtccag	gggcaggagc	960
tggcgtggga	acagagggga	agagagcagg	cgagcgaggg	agctagctgt	tggctgagca	1020
gagtcagcag	ccctgacagc	cgaggatggg	acatgggaca	gagcaagtca	gcgactgcag	1080
gagccaggca	ggggtggagg	gcttcccagc	tctgccttct	cctgcctccc	accccagcct	1140
gctgaggctg	ctgccagcgg	ctgcacctcc	agggccaggg	tgacagtccc	catggagccc	1200
cagtctctgc	cggccagggt	gctcggggtg	ggtgggtagg	aagcacgcac	agcacattag	1260
gaagcttacg	cttggaaaaa	gaaaatgcac	ctccatcaga	aaaggtcata	ggtgacacac	1320
agttggaaag	aaaaaaataa	taagttactt	tcagaagacc	ccctttgctc	aaaaaaaacc	1380
ttgatttccc	tctgtgggct	ttactttcct	ttttaaaata	cgttgctctt	tccgggaagc	1440
tgetgactcg	tnnggggaat	cctgc				1465

<210> 6760

<211> 1130

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (184)...(1042)

<223> similar to gi4455140 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6760

gcagtgcggt	ggaattcgca	gaaaggcaga	aaggagaaaa	ttcaggataa	ctctcctgag	60
gggtgagcca	agccctgcca	tgtagtgcac	gcaggacatc	aacaaacaca	gataacagga	120
aatgatccat	tccctgtggt	cacttattct	aaaggcccca	accttcaaag	ttcaagtagt	180
gatatggatg	actccacaga	aaggagcag	tcacgcctta	cttcttgctt	taagaaaaga	240
gaagaaatga	aactgaagga	gtgtgtttcc	atcctcccac	ggaaggaaag	cccctctgtc	300

cgatcctcca	aagacggaaa	gctgctggct	gcaaccttgc	tgctggcact	gctgtcttgc	360
tgcttcacgg	tggtgtcttt	ctaccaggtg	gccgccctgc	aaggggacct	ggccagcctc	420
cgggcagagc	tgaggggcca	ccacgcggag	aagctgccag	caggagcagg	agcccccagg	480
gccggcctgg	gaggaagctc	cagctgtcac	cgcgggactg	aaaatctttg	aaccaccagc	540
tccaggagaa	ggcaactcca	gtcagaacag	cagaaataag	cgtgccgttc	aggggtccaga	600
agaaacagtc	actcaagact	gcttgcaact	gattgcagac	agtgaaacac	caactataca	660
aaaaggatct	tacacatttg	ttccatggct	tctcagcttt	aaaaggggaa	gtgccctaga	720
agaaaaagag	aataaaatat	tggtcaaaga	aactgggttac	ttttttatat	atgggtcaggt	780
tttatatact	gataagacct	acgccatggg	acatctaatt	cagaggaaga	aggtccatgt	840
ctttggggat	gaattgagtc	tggtgacttt	gtttcgatgt	attcaaaata	tgctgaaac	900
actaccaaat	aattcctgct	attcagctgg	cattgcaaaa	ctggaagaag	gagatgaact	960
ccaacttgca	ataccaagag	aaaatgcaca	aatatcactg	gatggagatg	tcacattttt	1020
tggtgcattg	aaactgtgtg	gacctactta	caccatgtct	gtagctatct	tcctcccttt	1080
ctctgtacct	ctaagaagaa	agaatctaac	tgaaaatacc	aaaaaaaaaa		1130

<210> 6761
 <211> 3398
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2698)...(270)
 <223> similar to gi5102733 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6761						
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atacattcag	aataatcatc	attaaaaagg	aactagaaaa	ttatacatgt	ttaaagtatg	120
tgcttttttc	ccaccacctt	taagttaatg	gctagtacca	acatttttaag	taatgaaata	180
cttaattgtga	tgaccatttt	tcagataaatt	tcagtactgt	atcttcatct	taatttttaa	240
agcagttgac	catgaatttc	agtttcagtt	attctctgtt	tttatcaatt	ccgtaatgat	300
ctgcagaatc	ttgtcatttt	caagggacat	ctttggattt	tcaagctttt	ttcttaaaac	360
tgaatcaatg	agaactctca	gctgcttgaa	aatgacagct	atctttacag	gggcctgaaa	420
atagatccag	ccatcaatag	aaagaagacg	ttctcggtgc	tgaacttcta	tatcaccacc	480
aaaaagtaaa	actggaaaag	gggttattag	ggtagtttct	ctcaaataca	ctctggcata	540
ccttatcttc	tcctggtata	agagccatcc	atgagtttgc	aaatctcgat	ttactgagga	600
tggtgtgact	tgtgctttgc	cttggggcgt	ctccacaatg	caagccaatt	tttctgtaac	660
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agctttaaga	agggaatttt	cttggaatga	gagggctctgt	gagggctctgt	ttccttccca	780
gctggtagaa	gttgtggaag	atgaaaatcc	tgctgcctta	accaacttta	ttaactcctg	840
ctttacatcc	tctagggtta	acagtgatgt	tctattaaga	aagttcctcc	ggcagtatgt	900
gatttcagaa	cgataacctc	cttcttgtcg	tgctttcttc	catcctagat	atgcattgta	960
gatcgtcagg	tggtctgaat	ccgccatggc	caaagctgat	tttgcaagat	ctgcttcac	1020
ttttcgacca	attggtgtgg	taaaaggaga	cttctctgtc	ataactgcag	ctagtgttgc	1080
cactgggtca	aggcagccaa	atatggcacc	aaaaataagc	atcttgccaa	tcttgacatt	1140
cacaggtaaa	gctgcaaggt	gttggcccaa	cggagtcagt	ttaggctcat	ttaattcaca	1200
agctccaatt	tttcggagca	aattcattgc	attgctgatc	acttgagact	gaggaggatc	1260
taaggctttg	gagaggaaat	cttcaggaga	accaagatta	catttcataa	tatgaaggca	1320
taattcctcc	aaaggtacac	gtaagatttc	aggaacagaa	taatccataa	agccttcaaa	1380

tctttctctt	gtgtacattc	ggaaacagaa	gccatctctg	acccgcccag	ctcttccctg	1440
gcgctgcaaa	gcactggctt	tactgacaaa	cgtctccacc	aaagaactca	tctgactgct	1500
ttcatggtag	ttattttctt	ttgttcttcc	agtatcaatt	acaaatacaa	catcaggaat	1560
agtgataccc	gtctctgcaa	tattggttgc	taaaacaatc	ttcctgactc	ctggaggggg	1620
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<210> 6762

<211> 2709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(1179)

<223> similar to gi33971 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6762

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<210> 6763

<211> 2172

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(1313)

<223> similar to gi303804 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6763

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<210> 6764

<211> 4368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(3033)

<223> similar to gi4537894 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6764

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<210> 6765

<211> 1596

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1275)...(568)

<223> similar to gi438164 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6765

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ccaggctagt	cttgcccacg	tactccttgc	ccagcatcac	caccttgacg	tccacgcgct	1260
gcccgtcat	gctcccgggg	ccgcttcagc	cacgtcaggg	tcctacgact	ccagacagcg	1320
cgtcgggctc	gagctctggc	cgtggccttg	cacttcggca	gcgccccgtg	tgccccgct	1380
gttcggcccc	gggcgcgat	tatccttcga	agaccccaag	cctcggggcg	gcctgggagc	1440
gcgcgggaca	gcgtcctcaa	cagcgcagca	cgccgcgtg	cagctcgcta	ctccgtcatt	1500
cgctcgctg	cccggcttaa	gctccgttct	ggctgggaat	cccaaccgaa	cctgggggtct	1560
cccgaaccc	gggtcctacc	cgcagcgccg	cgactc			1596

<210> 6766
 <211> 3828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (3672)...(3395)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6766	
acatccacgg	gaacctgggg
accacacctg	tcccagcgga
tagacatctc	tgtggctgag
agatcgagta	tgaccaggat
acgacgacgt	ggagatcgag
aagagagaca	gcggcggaag
ggaaggacaa	gaaggagaag
agctgcgcct	gaagctgagg
tttttgaaaa	catgcacaaa
accggcgaaa	cgggatcacc
aacgggagaa	gaggatggag
gcaaagacag	cgagttcgcc
gcgagaaggt	gctctgcagc
ctattataat	ttaaagaccac
ctagctacct	ggacaaaagtc
ggatctccag	ggacgcgtct
agtgtgccag	ccaaaatgac
aaacaaattg	agttcctttt
aatagtaaca	atcttatatt
cctgcgagtc	atacactgcg
tgagattgga	tcatttctct
acaggagcag	tgttttctct
ctcttctcag	gcggggctgc
gaccccgagc	cagccccggg
ctccgctgtg	tagcagatga
tccccgacac	catccccaac
caccaccccc	ctgccccgcg
gccgtgcggg	gatgattacg
gctctctgtc	aactatgatg
catgtacgtg	cggaagctga
tctggtgcca	gccttctctg
gatcaccaag	gaggagaagg
atgcaaggag	tttgatgacc
gatccgagaa	ctgcagcggt
gtacgaggca	gcgcggcata
caaacgggga	aaggaggacg
cttcgagctc	ctgtcagatc
ccgctacgtg	actgtgaaga
ccccctccaa	agccgccttc
tttctcaca	gaaagcggct
agccagggtg	atgctcagac
ccccactggt	gctctttttt
catggtcctc	tgaaagaagc
gtgtgtatct	taagtgaagt
gttcagttgg	gagcttattg
tacaaaacct	attgtgggtg
ctatttctct	gtgacacaag
agcccacgct	gcccacagct
ggcagcttgg	gcccagactc
cgttttgttg	

ggaactgaag	aggaatctgt	tgaacacagc	gaccagatga	ccttccattt	caccggcggc	1560
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accacgtccc	cacgaatggg	aaagcacggt	agtgggaggg	acgtaggaca	cgtgtggacc	1740
gccaggccct	ctcagtcocat	tttccggggc	tgctcggtgc	tgctgttaag	acgtgagtgc	1800
atttcacttg	gaagaaccca	ttgtacaaag	ttcaaggcta	agagttctga	attctggcgt	1860
cagcttcctc	aggattttct	tcagttgcaa	gtacctttcc	actgaaaata	tgagcatgcc	1920
cgcttggtta	gtaggcattc	gtaagagtgt	cgccaggccc	gcgccagctg	aggcctcaga	1980
ctagccaggc	aagagccgtc	tgaccagttg	gctggcggtg	gttctggtgg	agcacgaggg	2040
agcccgggtg	gtgccctgag	cctcgagctg	ctctctgtca	ctgtcttgaa	tcagactcag	2100
aaatggcttc	ttcccagccc	tgctacaag	tttttctctg	gggtcctctt	tcaaggatgt	2160
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cagaatgttt	gggcttgaa	ttacattaaa	gtgaagtatt	ttgaaagaaa	gaaaacctca	2400
tcatttctaa	ggatgactta	attactgtgc	cttttctttt	ctttttacac	atcctactgt	2460
cccttaggg	aaaattttca	gcattaaata	aaacatttca	aatatattgt	atatggcttt	2520
agttgtaaac	tatactgcat	gctgacagag	aagcgctctt	ttagctaagc	ccagaacttc	2580
tcttttgaca	ataaagtact	gagcagtggt	atcatgaggg	ccacctccac	attgtcccct	2640
gcagaataaa	tgccgatgac	agaaagctta	tgctgtctac	cactgaacag	tgatggagat	2700
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agcagcagca	acttgtttgt	tagaatgcag	acgcgcaggc	cccacctggc	ctcctgaatc	2820
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taagcttgct	tgagaactat	gggttttagc	tattctggtg	tctccctgat	tttctacagc	2940
cgcaggatcc	tagtttggtg	aggttttaaa	tttaattctta	tttttatata	aaatgattgc	3000
cagacggtac	tatattaagc	ttgaagaagc	agaagatccc	tgtaaatgtg	tatggcccag	3060
gccaagagct	gtcaaataaa	aaactttgtg	ctgaagcagg	tttttagtat	gtatatcttt	3120
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cagctacttg	ggaggctgag	gtaggagagt	tgcttgaacc	tgaggaggcg	aggttgcggt	3600
gagctgagat	cacgccacta	cactccagcc	tggtgacaga	gcaagactcc	atctcaaaaa	3660
aaaaaaatct	aagcaaacta	tctttgagtc	aaaaaaagtt	ggataactca	tctatatattg	3720
aaataatgct	gtctgaatgg	ccaacatccc	aagaatgtat	taaaaacagc	aacctgccta	3780
ccgttttgat	gacctttttc	catattaaac	aagttgagaa	caaaaaaa		3828

<210> 6767

<211> 2533

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2534)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1180)...(84)

<223> similar to gi4490341 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6767

cggcacgagg	ttttttttaa	aagaataaaa	tttattgtac	tctcctcgcc	ccaggggtgcc	60
cctgggaaag	cctgaggcta	cttgtagcgc	ttggccttgt	gcttcggcaa	gaaggcgaag	120
ctggggggca	ctggcccaag	gagcatctcg	ctgatgcgga	tccagtcggc	tgcccttctgg	180
ctggccatca	gcgtctccag	gtagtcgcgg	cccaggtagt	agggcgggccg	ctcgttgatc	240
ctcttggtgg	agccgctcca	gcagccccac	gggcacgtac	cggcacagga	aggacagcca	300
ctcgagcaga	aagcggccgg	gtcttctcca	cgccctgcgt	gttccgagcc	ccagtgtccc	360
aggccgtagt	tgtttgaagt	ctcgcaggat	gtccaggcgc	tcggacgacg	agatgtccca	420
gtgccgctgc	tccttgatcc	tccgtgaaga	gccccgggct	tgagcagggc	gccacgggca	480
atcatgatcc	ccgttgaaca	ccaattctgc	atgggggccc	gttggcaatc	ctcaaagac	540
aagatgtccc	catttccgaa	acagggggca	tggggctgcg	gggcctgcac	gcactcctcg	600
atgtactgcc	agtcggctag	cttggtgtag	cgctgtctcc	gagagcggcc	gtggagcgtg	660
acgagtgcc	cgcccagtc	ccgcagctcg	ggcagcaggc	ggtgcgccag	gttcacacgc	720
tcttggaagc	ctgtgcggat	cttcacagtc	agcggcacat	ccagcacctg	gttcacagcca	780
cggaagcatc	gctggaactt	ggtggagcga	ttcatgaggg	cacagccccc	acccttcttg	840
tacacgaggt	cgatggggca	gccgacgttg	atgtccacaa	agtccacctc	cacgggtgcg	900
ctcagcagct	cggcacactt	ggtcatgggt	tcggggaagg	cgccctccag	ctggacgcca	960
aagatgtcct	cacactggtg	gcgtttgagt	agggcccaact	cggaacatctg	gccctgcagc	1020
aggttggtgc	agacggccat	ctctccacat	gtcacatccg	ccccgaagcg	cttgagatc	1080
cgtcggaagg	gcaggttccc	acacgtgggt	aggggggcca	ggtaaagtgt	gccacggatg	1140
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caggtccgca	cggggctgct	gggaggggtg	ctagtgcgcc	gccctgcggg	gacctgctgg	1260
gcaccacagt	tttctgcct	gggagcgccc	tcggctgcgc	tgccctcggg	gacagcgcca	1320
gcgggtgtgg	ggccctggct	gaaccggcgc	agggcctgct	cagctcgctc	gaagcggacc	1380
tcgcgcttcc	gcagctgctg	ctgcagggct	ttgtccaggc	cgttgcggat	ggacgggggc	1440
tgggtcccg	ggggcgccaa	ctcctcctgc	accaggttct	gtccctcggg	cctcaggtgg	1500
gccccagcga	agcggcaggt	cacgccgtag	gggcaccggc	cgaaggtctc	gaagagcacg	1560
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acaccagtct	gcatggcgcg	gttggtatcc	tcaaagaca	agatgtcccc	atttccgaac	1680
aggggcatgg	ggctggcggc	ctgcacgcac	tctcagatgt	actgccagtc	ggctagcttg	1740
gtgtagcgt	gctcccagga	gcggccgtgg	agctggggga	gaagccgcca	cgcagggtag	1800
gaggcagaga	gtgagacgca	gagaggaaga	gaccaagaga	gccaggctga	gagagacaga	1860
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ggagccatta	ggaaggagcg	cggggtcgac	cgcgaggccc	caatgcccgga	ggcgtcccaa	1980
gaccccccg	gacgagtgcc	acgccccagt	cccgcagctc	gggcagcagg	cggtgcgcca	2040
ggttcacacg	ctcctggacg	cctgtgcgga	tcttcacagt	cagcggcaca	tccagcacct	2100
ggttcacacg	acggacgatc	tgctggaaact	tgggtggagcg	attcatgagg	gcacagcccc	2160
caccctggaa	gagacaggcg	ggtggaggga	ggccagnacg	tgggctgacc	caagacccct	2220
caccctgtct	gcccggaggc	ccccacaaga	agacgccgac	ctgcaggaaa	ggcagggact	2280
ccagggccac	acttgagccc	aaacccctga	ccctccaccg	agacatcgcc	ggctgggtca	2340
gtgcctccct	gcccagatgg	ggaaaccgag	gcacacgtcc	agggccgcta	ccttcttgta	2400
cacgaggtcg	atggggcagc	cgacgttgat	gtccacaaa	tccacctcca	cggtgcggct	2460
cagcagctcg	gcacacttgg	tcatggtgtc	ggggaaggcg	ccctccagct	ggacgcaaaa	2520
gatgtcctca	cac					2533

<210> 6768

<211> 1201

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1202)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1104)...(196)
<223> similar to gi3334761 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6768

tttttttttt ttttaaaatt aatcaaccaa caccattctt atttaagggtt ccaaaaggaa 60
gtagctggac cgggctgcag agcacactcc caccttgctt tttgtcccaa agttacatcc 120
cctacggggg gttctcctta aacaatttta atgtctgggt tggggaagca ggtagagcgc 180
gtagaggcag ctgctagagg ctgggtgttg actccaggcc gcgttccagg aaatatcggt 240
gggaagaacg gggacgggct tgggaccctt cattgaggaa gtaggatgtg atcttcctga 300
gtccctcctg attctcggat gctgagtcct ctcttataac atcttccgcc tctttctcca 360
gggatggtct gggccgtgcg ccagctgaaa ccggacaaac tggggggaag ccggaacaca 420
ggctccacgt gctccttcaa ccacgccttt tgtcttgggg atcattgggg tagcctgagc 480
ccataatcag tatccaagtc ctgcagtttc tccacgaact gccatttctt cacggcctgg 540
tcccgggcca ccttggcaca gatgctggca gcaactaacc accgggtaga gggcatctgc 600
tttggccttg accgtcacct caatcccggg aaaactttgc tgcagccgcg cctggtatgt 660
ctctggcatc cctacgggtg ccacgaatac ctgggtgacg ttcacgccct ggtccaatgc 720
atactgtata agcccagtggt ctgtatcatg tgacaggagag ttcagggtgt atttgaccgc 780
cccaagcatg ctggtagaga tgaggtttgg agacagcaca tccagcgccc agccgacaaa 840
gtccgtgtcc tccattttcg caaacagcct ttcccgctcg ctctccaata gggctcttga 900
gtctgccact ttcagcgctt ccagatctgc caggcgaggc aggggacaat aacagatggc 960
gtagaccatg gggcccagca cggggccctt gccgcctca tgcagcccca ggacgcaagg 1020
ctccttgctg cacaccgcgg gcacaggcga actcaggcga cagcggcctg tattgtctct 1080
ctccagctcg ctgagatcca tgccgcctca gccgccacca ccagctgcaa gaactaatac 1140
tgcaggagcg ggtctcggcg cgcgttttcc gcgggcctcg aagcggcgcc tgctntcggc 1200
c 1201

<210> 6769
<211> 2113
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(1207)
<223> similar to gi5739567 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6769
ggaaaggctct tgtcagacca tatgtgctgt ttcaggctgc ttcaaattct tttaggacag      60
tgggtggatat gagtgaagac ggggcaggca ggccacatct cttataagag gaagggtgatt      120
gccacgtctc cttcctccat gctgatggca aggcgtgcgg gctgtgttct cttgcagcca      180
gcgtcccatg ctcggtggcc ccagaaaagt cagtgtgtag gcctcagcca cttcagggtcc      240
ggcgtagatt ctccctggac accatcctca gctcctacct tctggggccag tggccacgag      300
atgctgatgg ggctttcacc tgctgcacca atgacaaggc caccagacg cccctgtcct      360
ggcaagagct agaagggtgag cgtgccagtt cctgtgcaca caagcgctca gcatcctggg      420
gcagcacaga ccaccgaaaa gagatttcca agttgaagca acaactgcag aggacgaagc      480
tgagcccgag tgggaaagag aaggagcgag gttcaccact cctaggggac cacgcagtgc      540
ggggagcact gagggcgctc cctcccagct tcccctcagg gtcccctgtc ttgcgactca      600
gcccctgcct gcacaggagc ctggaagggc tcaaccaaga gctggaggag gtatttgtga      660
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cagctcctcc ccagagtggc agctgtgatc atcccctcct cctcctggag cctggcaacc      780
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caggacaccc agcctttctt gaagatggca gcccatctcc agtccttgcc tttgctgcct      960
cccctcgacc taatcatagc tacatcttca aacgggagcc cccagaaggc tgtgagaaag     1020
tgctgtgtgt tgaagaagcc acgtctccag gtccctgacct ggcttctctg acttctctgtc     1080
ctgacaagaa caaagtccat ttcaaccgga ctggctcagc cttctgcccc gtcaacctga      1140
tgaagccctt cttccccggc atgggcttca tcttccgtaa ctgcccctca aaccgggat      1200
ctccccttcc cccggccagc cccaggccac cacctcggaa ggatccggaa gcctccaagg      1260
cctccccact gccattcgag ccatggcagc gcacccacc atcagaagag cctgtgcttt      1320
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tgcttgggtg gcaggtccct cccaggtcc cctgagatgg ggtatggagg ggcccttccc      1440
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cacaattcac acctgtgtac ctgccacatc cctcacttgg tggaaaacac ccagaaggtc      1620
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cacagagcaa gctggccatg aacgaaggag agaagacgcc acagatttcc ttccctctcc      1740
tccaggagac cataagatag atcccccatc ctctcagccc tattcccatg cctccctctc      1800
attggaggag ctgaccaaag cagccctaac gggccataac acttgaccaa ttcagctgct      1860
ggcagaggga ggaaacaagt gttttcccaa gtggcatttt catctcgctt tcaccctgac      1920
ttaagacaat ctttagtcag ggtgaaagcg agatgaaaga ttgtcttaag tagcagccca      1980
gcccggccag cccaggtgg gtagtgggga ggagagctgg cattcctcca ggtggcaaat      2040
ggcgactcta tactctccgc ccgccccagg gctggatgga ttagaaaaat gcctattttt      2100
cttgatcga tga                                         2113

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<210> 6770

<211> 1368

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1342)...(543)

<223> similar to gi3980034 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6770
tttttttttt ttcaaaacat agttatTTTT actttttaag ttatataaat aatatacatt      60
ttcaatatag gaaaatggga agatacagat aagcagtggg cttatatata tccttgCagc      120
tttttccctt cggacatata tattttgtta cagtaattcc tgcattctcaa aaataatata      180
aaaagtgaat ataagtttag accagcctta accttagctc aggtgctaata ttatatataa      240
atctatgtgc attcattttca attttgactt acaaaatcta aagtgatgct gttataatac      300
taaaagattc cactttaaac agcagcagtt tcagaataat taaaaatttg attcaggcat      360
gaggctgata aagaacgaag ttttactttt tttcattaaa ataagtagct ttctactatt      420
gcatcctttg aagagaagaa tggtctgctg gtttgGCCac aagctcttta gatggttact      480
tttagtaaac tcttcattca tcctggcatt cttgaaaata ttcgtcaaac atagaggaag      540
actcatcttc acgttccttt gggtctttta attctaggtc ttctccatat tgaatggcaa      600
aatcaatatg ctgcaatata atgttcatgc tttcttcatt tgactgatcg taaggtaaaa      660
atcgaaccat gctgtagtca tcaatcagtc cacatatagc tttagtcagt ttcttgaatt      720
ttttgcttct taagtcactt gtagaatctt ctaataaaga atacatgtct ggatctaaaa      780
atttctcaat ttcttttttt gcttttttac tcagcagatc catttttgtc atgatgttga      840
cttgccgaat ttctagagag atcatggcac tcagggtctg caagatgcca gaaataaact      900
tgaatgactc caccatgaac tgagaatcaa caagaaaaac tccacagact cggaacccca      960
ctgctcgagc tgctggacca gctgtttcat cacaggcagg tgagtgtaca actcaatctg     1020
acctggacaa tcaaaaagga tatagtcgtc ctctacatgg ccaagacagt tctccagcca     1080
gtcaaaaatta ttggcaagt actccatgca aaataccaat cctccgttgg gaccgaatcg     1140
cagagaatca tcctccatta catcatccac ctcgatcagt tcccgatgt cagccatcac     1200
ggagtagttg aagtgttctg ctgctggatc caggtttaca acttgacag accggttgag     1260
ggcttcacag tgctggacca tgggtggaca gtaggtgctc tcccgtctg ccgcggggcc     1320
catgaccagc tgcgcatacc gaggcattgt ggctcccgga gccgccccg     1368

```

```

<210> 6771
<211> 1643
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (62)...(1473)
<223> similar to gi3717145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6771
gaattccggc gagtgcgcgc tctctctcgc ccgcgcctag gtccatcccg gccagccac      60
catgtccatc cacttcagct ccccggtatt cacctcgcgc tcagccgcct tctcgggccg      120
cggcgccagc gtgcgcctga gctccgctcg ccccgggcgc cttggcagca gcagcctcta      180
cggcctcggc gcctcgcggc cgcgcgtggc cgtgcgctct gcctatgggg gcccggtggg      240
cgccggcacc cgcgaggtgc accattaacc agagcctgct ggccccgctg cggctggacg      300
ccgacccttc cctccaggcg ggtgcgccag gaggagagcg agcagatcaa gaccctcaac      360
aacaagtttg cctccttcat cgacaaggtg cggtttcttg agcagcagaa caagctgctg      420
gagaccaagt ggacgctgct gcaggagcag aagtcggcca agagcagccg cctccagac      480
atctttgagg ccagatttgc tggccttcgg ggtcagcttg aggcactgca ggtggatggg      540
ggccgccttg aggcggagct gcggagcatg caggatgttg tggaggactt caagaataag      600
tacgaagatg aaattaaccg ccgcacagct gctgagaatg agtttgtggt gctgaagaag      660
gatgtggatg ctgcctacat gagcaaggtg gagctggagg ccaaggtgga tgccctgaat      720
gatgagatca acttctcag gaccctcaat gagacggagt tgacagagct gcagtcccag      780

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atctccgaca	catctgtggt	gctgtccatg	gacaacagtc	gctccctgga	cctggacggc	840
atcatcgctg	aggtcaaggc	acagtatgag	gagatggcca	aatgcagccg	ggctgaggct	900
gaagcctggt	accagaccaa	gtttgagacc	ctccaggccc	aggctgggaa	gcatggggac	960
gacctccgga	atacccgga	tgagatttca	gagatgaacc	gggccatcca	gaggctgcag	1020
gctgagatcg	acaacatcaa	gaaccagcgt	gccaagtgtg	aggccgccat	tgccgaggct	1080
gaggagcgtg	gggagctggc	gctcaaggat	gctcgtgcc	agcaggagga	gctggaagcc	1140
gccctgcagc	gggccaagca	ggatatggca	cggcagctgc	gtgagtacca	ggaactcatg	1200
agcgtgaagc	tggccctgga	catcgagatc	gccacctacc	gcaagctgct	ggagggcgag	1260
gagagccggt	tggctggaga	tggagtggga	gccgtgaata	tctctgtgat	gaattccact	1320
ggtggcagta	gcagtggcgg	tggcattggg	ctgaccctcg	ggggaaccat	gggcagcaat	1380
gccctgagct	tctccagcag	tgcgggtcct	gggtcctga	aggcttattc	catccggacc	1440
gcatccgcca	gtcgcaggag	tgcccgcgac	tgagccgcct	cccaccactc	cactcctcca	1500
gccaccaccc	acaatcacaa	gaagattccc	accctgcct	cccatgcctg	gtcccaagac	1560
agtgcagacg	tctggaaagt	gatgtcagaa	tagcttccaa	taaagcagcc	tcattctgag	1620
gcctgagtga	tccaaaaaaa	aaa				1643

<210> 6772
 <211> 620
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (567)...(189)
 <223> similar to gi35184 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6772	
tttttttttt	ttttggggag
tttgaacaat	tcatctttat
ttcttatttt	cctctggaga
60	
tgcagaattt	ggtatatattc
accccaggta	tatttgggat
agttggctcc	tcgctgggtc
120	
aggatggctg	ggtgccttct
cccctggcat	ggttctcttc
tctgcagggc	gaggggcagg
180	
gagctagtaa	aacctcgcaa
tgacagcccg	caatggcaga
cccaatggag	cccaggatga
240	
acttgggtcaa	tccggagaag
tccagttgct	cccagtgact
gcagaagtag	ccacaaaggc
300	
tgccccgggg	aaactccacc
cccattgggc	aatggccgcc
gcggacatca	tcttggctgc
360	
tatggaggac	gaggcgattc
ccgcgcgcag	ttgaagcccc
atggcacttg	agcaccatgg
420	
gcacagcctg	catgggccac
caactcttca	atcacaactt
gtagcaatcc	tggccagggg
480	
caaaactacg	gcagagccag
aggccacccc	tgaccacttt
ggccacactg	gtcacttgct
540	
gatttagtga	gagcagaggc
ctccatgcct	gctcgggtta
attccgtggc	ttagagagta
600	
agagatcctc	aacttcagct
620	

<210> 6773
 <211> 801
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (1)...(802)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (434)...(626)
 <223> similar to gi4927204 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6773
 tgggtgctttg aaacttggtgac acattaccca gcttgacaga ggggcggggcc cttaacaggc 60
 accgtgcggg ggactggagt cggcggagaa aaccgggggtc cccagcgctg gggcccgcgg 120
 cgccatggct cacgtcggct cccgcaagcg ctcgaggagt cgcagccggt cccggggacg 180
 ggggtcggaa aagagaaaga agaagagcag gaaagacacc tcgaggaaact gctcggcctc 240
 cacatcccaa gagagaagca agcagaaggc ccggaggaga acaagatcca gctcctcctc 300
 ctcttcttcc agttcttcta gctcctcttc ttctcctcct gctcctcctc ctctcctcag 360
 tgatggccgg aagaagcggg ggaagtacaa ggacaagagg agnnnnnnnn nnnnnnnnnn 420
 nnnnnnnctg aagaagaagg gcaaggagaa ggcggaagca cagcaggtgg aggctctgcc 480
 gggcccctcg ctggaccagt ggcaaccgatc agctggggag gaagaggatg gccagtcct 540
 gacggatgag cagaagtccc gaatccaggc catgaagccc atgaccaagg aggagtggga 600
 tgcccggcag agcatcatcc gcaagggtgt ggaccctgag acggggcgca ccaggcttat 660
 taaggagat ggcgagggtc tagaggaaat cgtaaccaa gaacgacaca gagagatcaa 720
 caagcaagcc acccgagggg actgcctggc cttccagatg cgagctgggt tgcttccctg 780
 agggcccccg ctggccaagg c 801

<210> 6774
 <211> 2072
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (68)...(887)
 <223> similar to gi3559789 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6774
 tacatgaaat ctgcagtttc ataatttccg tgggtcgggc ggggcggggcc aggcgctggg 60
 caggtgatg gccaccactg gggccctggg caactactac gtggactcgt tcctgctggg 120
 cgccgacgcc gcggtatgagc tgagcgttgg ccgctatgag cgggggaccc tgggccagcc 180
 tccccggcag gggcgacgc tggccgagca cccgacttc agcccggtgca gcttccagtc 240
 caaggcgacg gtgtttggcg cctcgaggaa cccagtgcac gcggcggggc ccaacgctgt 300
 acccgctgcg gtgtaccacc accatcacca ccaccctac gtgcaccccc aggcgcccgt 360
 ggcgggcgcg ggcgcggacg gcaggtacat gcgctcctgg ctggagccca acgcccgtg 420
 cgctctcctt cgcgggcttg ccctccagcc ggcttatgg cattaaacct gaaccgctgt 480
 cggccagaag ggggtgactgt cccacgcttg aactcacac tttctccctg actgactatg 540

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cttgtggttc tcctccagtt gatagagaaa aacaacccag cgaaggcgcc ttctctgaaa 600
acaatgctga gaatgagagc ggcggagaca agccccccat cgatcccaat aaccagcag 660
ccaactggct tcatgcgcgc tccactcgga aaaagcgggtg cccctataca aaacaccaga 720
ccctggaact ggagaaagag tttctgttca acatgtacct caccagggac cgcaggtacg 780
aggtggctcg actgctcaac ctacccgaga ggcaggtcaa gatctggttc cagaaccgca 840
ggatgaaaat gaagaaaatc aacaaagacc gagcaaaaaga cgagtgatgc catttgggct 900
tatttagaaa aaagggtaag ctagagagaa aaagaaagaa ctgtccgtcc cccttccgcc 960
ttctcccttt tctaccccc accctagcct ccaccatccc cgcacaaaagc ggctctaaac 1020
ctcaggccac atcttttcca aggcaaaccc tgttcaggct ggctcgtagg cctgccgctt 1080
tgatggagga ggtattgtaa gctttccatt ttctataaga aaaaggaaaaa gttgaggggg 1140
gggcattagt gctgatagct gtgtgtgtta gcttgatat atatttttaa aaatctacct 1200
gttcctgact taaaaaaaaa ggaaagaaac taccttttta taatgcacaa ctggtgatgg 1260
taggctgtat agtttttagt ctgtgtagtt aatttaattt gcagtttgtg cggcagattg 1320
ctctgccaag atacttgaac actgtgtttt attgtggtaa ttatgttttg tgattcaaac 1380
ttctgtgtac tgggtgatgc acccattgtg attgtggaag atagaattca atttgaactc 1440
aggttggtta tgaggggaaa aaaacagttg catagagtat agctctgtag tggaatatgt 1500
cttctgtata actaggctgt taacctatga ttgtaaagta gctgtaagaa tttcccagtg 1560
aaataaaaaa aaattttaag tgttctcggg gatgcataga ttcattcattt tctccacctt 1620
aaaaatgcgg gcatttaagt ctgtccatta tctatatagt cctgtcttgt ctattgtata 1680
tataatctat atgattaaag aaaatatgca taatcagaca agcgtaatgc ataatcagac 1740
aagcttgaat attgtttttg caccagacga acagtgagga aattcggagc tatacatatg 1800
tgcagaaggt tactacctag ggtttatgct taattttaat cggaggaaat gaatgctgat 1860
tgtaacggag ttaattttat tgataataaa ttatacacta tgaaaccgcc attgggctac 1920
tgtagatttg tatccttgat gaatctgggg tttccatcag actgaactta cactgtatat 1980
tttgcaatag ttacctcaag gcctactgac caaattgttg tgttgagatg atatttaact 2040
ttttgccaaa taaaatatat tgattctttt ct 2072

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<210> 6775
 <211> 1160
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1161)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (449)...(283)
 <223> similar to gi2294252 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6775
ggtcaccact ttagtccttg gccaccagca caccacagga ggggtgagtgg cctgaggtag 60
ttacggcact taaaactccc ttgctaccga tctggaactc aagccccaaag acatccccctt 120
agatgatctg aatacgcat cagggacaga tctaggcagt ttctaaacaa cacttagact 180
ggggctctaac gttgacaaat ctttctagaa tttgcctctt tgggactgaa gtctaagggg 240
ctgagaccaa gaagggagag cacaagacta actttgggtct cttgaccttt tcttaccttg 300
caactgtcag tgcctccagc caaatgccta gcacagagct cagtggattt gattcttcca 360

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ttcagatact catagcgatt gcacacttta ttctcaatca caagaagctg gggttttctt 420
gagaaggcca gcccacaagg tacctgtgtt taaaagatga aagaaatggt tgctgaaccc 480
aaaacatggt taggaggaaa accagaagaa cagagcagtg gcaactggacc tcctgtctgt 540
ccgtgagggt gcagaacaca aggcagctcc caatgccgct ggactctctg accttgagga 600
gtgtaaacat catatatgat tctgtgttcc tgagatctgg gtttaacgat ctgggctttg 660
gcatggtgct ttacgatcgt tgttgcttgt gtactttttt cttttctttt gaaaggacgt 720
agacgaccct tacaatgtaa agagagtctg agaaatgcaa ttgctattct ttttatatac 780
tttttcagat tttttatatg cttctttact acttacatca taatgcacaa ttttatatac 840
tgattttttc aatcaatgta tatcatgagt ttttaaaata atgctacaat cttcataact 900
aatatttttn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnttcagt 1020
ggtaccctgc aaaataatta aaatcctaac tcttannnnn nnnnnnnnnn nnnnnnnnnn 1080
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaagagg ggcccccttn 1140
nnnnnnnnnn catctctccc 1160

```

```

<210> 6776
<211> 2399
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(2400)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (181)...(1900)
<223> similar to gi2088768 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6776
ggcacgaggc agctgccgcc gcctagcccg gggctctggac ctgggggactc cccagaaggg 60
cccagggggg aggtccgga gcgtcggcgg aaggcgacag ggatgctgaa gctttactac 120
ggcctctcgg aaggggaggc ggcgggacgc cccgcggggc cggacccctt ggacccgact 180
gatctgaacg gggcgcaact cgacccggaa gtttacctag acaagctgcg tagagagtgc 240
cctctggccc agttgatgga cagtgaagac gacatggtgc ggcagatccg ggctctagac 300
agcgacatgc agaccctggt ctatgagaac tacaacaagt tcatctcagc cacagacacc 360
atccggaaga tgaagaacga tttccggaag atggaggatg agatggaccg gctggccacc 420
aacatggcag tgatcaccca cttcagcgct cgcacagcgc ccacgctgca ggaccgccac 480
gagcgcatca ccaagctggc aggggtccac gcgctgctgc ggaagctgca gttcctcttt 540
gagctgccct cgcgcctcac caagtgcgtg gaactgggag cctatgggca ggcggtgcgc 600
taccagggcc gcgcgcaggc cgtgctgcag cagtaccaac acctgccctc gttccgcgcc 660
atccaggacg actgccaggt catcacggcc cgctggccc agcagctgcg gcagcgcttt 720
agggaggggc gctcaggcgc cccggagcag gcagagtgcg tggagctgct gctggccctg 780
ggcgagcctg cggaggagct gtgcgaggag ttcttggcgc acgcccgcgg cgggctggag 840
aaggagctga gaaacctgga ggccgagctg gggccctcac ctccggctcc cgacgtgtta 900
gagttcaccc accatggtag gcagtggctt cgtgggcggc ctctgccagg tggcggcggc 960
ctaccaggag ctgtttgcgg cccagggcc agcaggtgcc gagaagctgg cggccttcgc 1020
ccggcagctg ggcagccgct attttgcgt ggtggagcgg cggctggcgc aggagcaggg 1080

```


tggtggtgac	aactcactgc	tggtgcgggc	gctggaccgc	ttccaccggc	gcttgcgggc	1140
tcccggggcc	ctgctggccg	ctgccgggct	cgcagacgct	gccacggaga	tcgtggaacg	1200
agtggcccgc	gagcgccctg	gccaccacct	gcagggtctc	cgggcggcct	tcctgggctg	1260
cctgacagac	gtccgccagg	cgctggcagc	acctcgcgctg	gctgggaagg	agggccctgg	1320
cctggccgag	ttgctggcca	atgtggccag	ctccatcctg	agccacatta	aggcctctct	1380
ggcagcagtg	caccttttca	ccgccaaaga	ggtgtccttc	tccaacaagc	cctacttccg	1440
gggtgagttc	tgcagtcagg	gtgtccgtga	gggcctcatc	gtgggcttcg	tccactctat	1500
gtgccagacg	gctcagagct	tctgcgacag	ccctggggag	aaggggggtg	ccacaccacc	1560
tgccctgctc	ctgctgctct	cccgcctctg	cctggactac	gagacggcca	ccatctccta	1620
catcctcact	ctcactgatg	aacagtttct	ggtgcaggat	cagttcccag	tgacgcccgt	1680
gagcacgctg	tgtgcagagg	ccagggaac	ggcgcgcgcg	ctgctgaccc	actacgtgaa	1740
ggtgcagggc	ctggtcataat	cacagatgct	gcgcaagagc	gtggagactc	gcgactggct	1800
cagcactctg	gagccccgga	atgtgcgggc	cgatcatgaag	cgggtggtgg	aggataccac	1860
cgccatcgac	gtgcagggtg	tgcccaggct	ggccggggta	gccctgacgc	aggctggggg	1920
tactgtccct	tcaagagggg	ctggggcagc	agaggatcac	tggcagtccc	tgccctggagg	1980
aggggacatg	tgtatctggg	cttctcacgg	ggccagttct	gtagccaggg	cgtccgtgag	2040
ggaaccccag	gggaacaagt	ctccaaggat	gaatacaaaa	cgggctgggg	agtgcctatg	2100
tccacggtct	tgttccttct	cagcccagga	ttatgacatc	ttcgccccta	ttttacctgt	2160
ggagaagcag	aggctcaggg	ttaccagga	agtcagggca	gggttggtgc	tggtgctgaa	2220
gattagacct	cagaccaact	cttgtatcct	gcctttgccc	cactccactg	gttctataaa	2280
tagcgaccat	gtacctacta	aatagcgggc	cccgcggtga	ttaccctgtg	atccttgtna	2340
tgcttgagta	gctgacttag	ggcatcctca	gcaccgatgg	gcttggtggt	ttcccctga	2399

<210> 6777

<211> 1189

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (259)...(110)

<223> similar to gi3093367 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6777

tttttttttt	ttagcacttg	ggaaccagct	ttattttctga	tttttttttt	tttatcagag	60
tataaaaaag	tgagtgcagc	aaaacaagga	agacgagaca	ggcgtgcgtg	ggccagggca	120
agacagagga	gaagggaggg	aagcagaggc	agaagggccc	cttggcgcaa	ggctgtatgg	180
tgtggaggcg	ggcagaatac	ttgcgcagcc	acacaggggc	agggatgagg	gtctccccgt	240
ggtgggggct	tacaggatgg	gagcggccag	gccagttgtc	caaattccac	ctgggacctg	300
cagtgcaccag	cctcgagtct	ggaggctcaa	agcacacaga	ggggactagg	ggctcagcct	360
catctgtccc	tgagattttc	agaagccaca	gggggactgg	gagagggcag	aggcgcaaga	420
gggtggaggc	ggctagggcc	gccctcactg	tccttccgcc	aggcagcacc	agcccaaac	480
cacccagaga	ggggttgctc	aggcctctgg	gaggggtgtaa	ggggagtggc	cctgggaagg	540
cctctccctt	gaatccaggc	cttcttggga	aagcagcaat	gggaaggccc	acgcacaagg	600
cccttgttct	tgagggcgag	aggggggaag	accataaaag	caagattttc	ccaaagatag	660
ggcagggagc	actgctaagc	ctgggccctg	ggcgcgagc	cacctggaca	gggctggggg	720
tctcgttgtg	ccacattttg	tctctggcgc	ttggtcaatc	tggtcctttc	tcagctttac	780
ttctcatgaa	tagagggggg	gtggtgacga	tgtataaata	atgatgaaag	tgcttggtcat	840
ggtgcccggt	aggcgggtgc	tgatggccac	tactctagat	gatgggttgg	cctgctgggc	900

cctggcaggt	gcatgggcac	aagccacagg	gagccgaggc	agcttatggt	acctgtgtgg	960
gccaacctgg	aggtgctggg	gaacgacct	gaactgggct	gggtgggtgg	acagacaagt	1020
gactcagcag	gcgatggggg	accgacatca	cgtggagagg	ggaatgtaaa	taaacagact	1080
ccctgggagt	ctagggggga	catccaaacc	ggttctggct	ccaggcagct	gccccacatg	1140
ctgccagctg	caccagggga	gggcttgggc	tcagggtcca	ggaggtggg		1189

<210> 6778

<211> 3885

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3737)...(1356)

<223> similar to gi899298 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6778

caggggtggtg	aactaaaaaa	gctggttcct	gtgaaccttg	ggaaaatggt	cctcaacccc	60
ctcctgaagc	ccctggaaga	tgaacctgat	ggggccagct	aggaggtcca	aatggaagga	120
ctgcaaataa	aaggcactgg	gaactctcag	gggccacaca	catgtgagat	cttcccaata	180
aaatcagcct	tagcttttaa	accaggaaat	tgtagcaac	aggctctcac	cttccctcaa	240
acccacagc	attgcctatc	tccctgtgat	agcttgattc	taaagataac	agcctgcctt	300
tactcagaaa	ccaggactgt	gacgtgtttt	gcacacattc	tcttttcaact	ttcacagtgt	360
gtgaatatgg	catgcaactt	atgttctctg	tgccctcagtt	tactcaagtg	ttaaacagga	420
atactcacat	gaggattaca	tgagttaaaa	tgataaaaat	ggataaaaagt	agagagtata	480
ttattttaa	tttatcaaat	ccttgggtaca	tgaccttaat	acaattaagt	atttggtata	540
tacatacatt	ttaaagaaac	gtcatcatat	ccacacacct	atgaggcacc	tgcccaggac	600
cacagagcca	atcaatcagg	tgatgagtga	ttccaggcca	gcaggaaacc	accgccact	660
gacacagggg	ctgcaccatc	catccttggt	ttgcatgggt	cctgccatgc	ttcctgtatt	720
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atcctcaaag	agaagccaca	tagcactgtg	cagtgttacc	actgcctcga	gtctggacag	900
ggcacaggtg	accgagacaa	gtcttattta	actgatttca	caagaagggt	ccgagtttta	960
ttagacaacc	catgtcaagg	tacaaaatga	ttaatgacaa	tatcagccat	attctattag	1020
ccaagtgcc	cctgtcacta	tgaactatc	ctgtaggaca	tccctgggct	ctcagttgct	1080
aatgggctgc	tgaagaaatg	aatgtcctca	aatcgagacc	ctaacacaaa	gagattccag	1140
agagtggctt	agaaaaccca	gtactcttta	ccaatgtggg	gaaagggtca	ggggaatgaa	1200
cctctgcagg	acaatttgaa	ttcccaaact	gagtaagagc	gaaacaaata	tgagggaag	1260
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tggcagggac	ttgacagcag	gttcctcttg	tctacttctt	cctccgcct	ctctccttga	1380
gggccaggtg	gatgactgcg	ccattggcca	tggtgtagta	agccagttag	ttggaatctt	1440
tgatgaagat	accctcatat	tgtagcttct	gtttccctgc	aggcatgcct	gtggcttcat	1500
gaatcttcac	cttaatgaca	gagacctggt	ccgtgagtgg	gagggtgaag	accagcacct	1560
gcccattcag	tttccattcc	gtcttatcct	gcatgttggg	cacctggact	ttgatggaca	1620
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gttttttggg	ggtgggctca	tcttccatgg	gagggtgggg	atgcacaggg	ggcattgggg	1740
ctggagctgg	gaaggtgcc	acaggtggag	caggcaca	ggctgttggc	acaatcatgg	1800
gggggtggcg	ggggggcata	ataggagggg	ccgagggagg	catgggcacc	cacgttgatt	1860
ctggggcgct	ggatgatggg	cggcatgggg	gcgatcactg	agcctggggg	cagccggacc	1920

acagatgccca	ttggggggccg	gggcatgacg	ggtagctgcg	agacaactgt	agtacgaact	1980
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<213> Homo sapiens

Run with FASTXY 3.3t00, default parameters

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<210> 6780
 <211> 2676
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (108)...(1859)

<223> similar to gi2463531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6780

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<210> 6781
 <211> 2174
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2086)...(630)
 <223> similar to gi56332 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6781

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ggggagagcc	ttgaggatgg	ggtgtactcc	cagcaggcta	gagcagagcg	cgatggcctc	960
tggcggcggt	cgagatttga	acacttttgt	cccaggggtg	agctttaatc	tgagggaact	1020
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ccttgatgat	ctccaccagc	tgggtccacc	cactgtcccc	aggggaagatg	ggctggccca	1140
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tggctccaaa	gatgagctct	ggggcccgg	agtagcgaga	acagatgtag	gagacattgg	1260
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cgcgcgcgc	tcctccgcct	ccgcgcgcgg	gctccgcgaa	cgagctagtc	cgcgcctgc	2040
ccgagccccc	agggccgcct	cccgaaggcc	cgcgcgcgct	catggcgccg	agcacaggcc	2100
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ccggagccca	agcc					2174

<210> 6782
 <211> 1409
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (13)...(952)
 <223> similar to gi4885696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6782

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gggcccgcg	ccggcgagg	cgggcgagg	caggaggga	ctgcactaca	tccccatccg	180
cgtcctgggc	cgccggcgct	tcggggaagc	cacgctgtac	cgccgcaccg	aggatgactc	240
actggttggt	tggaaggga	tcgatttgac	ccggctgtct	gagaaggga	gtcgtgatgc	300
cttgaatgag	atagttattc	tggcactgct	gcagcacgac	aacattattg	cctactacaa	360
tcacttcatg	gacaatacca	cgctgctgat	tgagctggaa	tattgtaatg	gagggaaacct	420
gtatgacaaa	atccttcgtc	agaaggacaa	gttggttgag	gaagagatgg	tggtgtggta	480
cctattttcag	attgtttcag	cagtgcgctg	catccataaa	gctggaatcc	ttcatagaga	540
tataaagaca	ttaaatattt	ttctgaccaa	ggcaaacctg	ataaaacttg	gagattatgg	600
cctagcaaag	aaacttaatt	ctgagtattc	catggctgag	acgcttgagg	gaaccccata	660
ttacatgtct	ccagagctct	gtcaaggagt	aaagtacaat	ttcaagtctg	atatctgggc	720
agttggctgc	gtcatttttg	aactgcttac	cttaaaggag	acgtttgatg	ctacaaaccc	780
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acctactgca	gatgaacttc	tagatcgccc	tcttctcagg	aaacgcagga	gagagatgga	960
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ctaagcattt	tattagttga	acctatacta	agggagtggc	aacatggggg	gatggaatgg	1320
aagctcttat	aagagcaggg	atgttgctgt	tttagttcac	tgatgtatgc	ccagggctgg	1380
tacatattag	gtcacctata	aatgttttt				1409

<210> 6783
 <211> 765
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (117)...(658)
 <223> similar to gi6013321 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<210> 6785
 <211> 2103
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)..(2104)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1967)...(1068)
 <223> similar to gi3252826 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6785

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ccaggtctct	taaatccaca	caatctctcc	aaatatttgg	caagattgat	tccaagtcca		180
tatgggtgga	taacaagaac	aaaggggtct	ctgctcagag	agacgtattg	tcgttcagag		240
ttctgacctg	cttccctcta	aatgctcacc	aacctggact	cttctaaagt	gggcagacaa		300
gccctattct	aagcgtagga	atagcccat	ttgtgcgtga	cactaagttc	ctccaatggt		360
ccaaactgag	cgtggatgac	tatccaacat	cacacacaaa	tgcacatccc	ctctctttac		420
aagacatgca	gaatctcaag	atatgtcaag	atatgcagca	agtttaatac	ctgaagggtta		480
acataaatga	caacaggaca	cagatgcaat	gctacagtca	aatgtggttg	gggatggaag		540
ggggcagagg	gacactggat	atcatcacag	caaccagtga	gtgagtcctc	tgggtgccctg		600
aggaggttgt	gagccacttg	actcgtgtca	caaagaatgg	agtaaactaa	caactctgaa		660
agacaagagg	gtggcagcat	tgtcgagatg	agactcaagg	caggggtctg	cagctctgtc		720
acagagtgtt	aatgctcaac	gatgcctggg	ctcaagagcg	ttctggtcag	cattttaaca		780
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tgtatcact	cagaagcacc	ttttccccag	gtttgaaggc	tggcatccca	aggtaggggc		1140
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agctcatctg	ttcccttgac	ttctcttttt	ccagttcttc	ggcaaggcca	caggtgcagt		1260
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ggtttctactg	aaggagaaga	cttcttgggtg	atagaaagct	taagctgcct	agaagaaccc		1500
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aacgcttgaa	gcttatccac	cagaccttcc	agagcctcca	ctggggatga	cttatcccag		1920
accactgccca	caaactggcc	agcagagatc	ccaaatctgc	ccattcttgc	agtgcagtac		1980

tgacagacct	aaaaactgct	ggccaaaagg	gaatcaagac	tgncgcctgg	gctcgtcccc	2040
ggcttctctc	cagccgtcga	ctcncacgcc	tcgcgctctc	gcgagaggag	ganggtccac	2100
gga						2103

<210> 6786
 <211> 2739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (438)...(1868)
 <223> similar to gi3462515 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	6786					
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gcttggtttg	ccagagggaat	tttccaagtg	ctcaaacgcc	aggcttacgg	cgctgtgat	360
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ggatctgtgt	ggaccagatg	ctggggccgat	tggcaatgcc	acagggcagg	ctgactgcaa	600
agcccaggat	gagaggttct	cactcatctt	caccctgggg	tccttcatga	acaacttcat	660
gacattcccc	actggctaca	tctttgaccg	gttcaagacc	accgtggcac	gcctcatagc	720
catatttttc	tacaccaccg	ccacactcat	catagccttc	acctctgcag	gctcagccgt	780
gctgtctctc	ctggccatgc	caatgctcac	cattggggga	atcctgtttc	tcatcaccaa	840
cctgcagatt	gggaacctat	ttggccaaca	ccgttcgacc	atcatcactc	tgtacaatgg	900
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tttgttcatc	ttccaccacc	tttgaggacc	tcgtgtccca	aaagactttg	cctatcccag	1980
caaacacac	acacacacac	acacacacac	acacacacaa	aataaagaca	cacaaggacg	2040

actgcacaat	ggggacctgt	ggtagcccca	agagatcccc	cacatcctcc	gccatcccct	1560
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aatgtgtaga	caactgtagt	tgtgctcagt	ttgtagtgat	gggaagtgta	ttttactctg	3720
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<210> 6788

<211> 2128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(2000)

<223> similar to gi396813 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 6788
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ccggcctggc gctcctgctc tgctgccccg tgctcagctc cgcgtacgcg ctggtggatg 300
cagatgacgt catgactaaa gaggaacaga tctttctgct gcaccgtgct caggcccagt 360
gcgaaaaacg gctcaaggag gtcctgcaga ggccagccag cataatggaa tcagacaagg 420
gatggacatc tgcgtccaca tcagggaagc ccaggaaaaga taaggcatct gggaaagctct 480
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gcctcatctt catggccttc ttctcagaga agaagtacct gtggggcttc acagtcttcg 1200
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aatccacgct ggtgtcatg cccctctttg gcgtccacta cattgtcttc atggccacac 1500
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gcagcgggag cagcagctat agctacggcc ccattggtgc ccacacaagt gtgaccaatg 1740
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gagtgggaga cagtcatgtg accaggcgct gggggctgga cctgctgaca tagtggatgg 2040
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aaaaacaggg aaaaaaagaa aaaaaaaa 2128

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<210> 6789
<211> 2475
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2476)
<223> n = a,t,c or g

```

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<220>
<221> misc_feature
<222> (71)...(1416)
<223> similar to gi537292 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6789

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<210> 6790
 <211> 5276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4920)...(0)
 <223> similar to gi3327184 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6790

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<210> 6791

<211> 3812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3590)...(878)

<223> similar to gil78052 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6791

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<210> 6792

<211> 1357

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1318)...(131)

<223> similar to gil002507 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6792

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ggcagtcccg	ctgtagtgct	ccctggatgt	gccgcatggc	gttgggggag	caagcggagg	240
cctccagcag	tgtcaccgtg	cagccaccga	agccaccgcc	cgctcatgcg	ctgccataaa	300
ccccaggcac	agcaagcgca	gcctccacca	gctggtccag	ctctggggcag	ctcacctcat	360
agtcgtctct	gagtgagcgg	tggctctcac	accatgaggc	ggccaaaggc	tctgtagtcg	420
ccacgtctca	gggcggccgc	tgcttggggc	gtgcgcggaa	tctccccac	cacgtgccgg	480
gcccgcggga	agccctcttt	gtccaccagg	tccctggcag	cctctagctc	ttccagttgt	540
acctcccggga	ggctttcctt	gcccagcgcc	cgggccactt	cttcacattg	gcgccgccgc	600
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gagcgctggg	ctgtgggcag	tggaaactgc	agccgctggg	gctcatcggc	accctcagag	1080
gtggtgagga	gagacaccag	cccatccttg	cgggggctgc	ccaccagcac	cgctcatgagc	1140
tccagagcca	taggcagcac	caggcccttg	ttgtagtccg	tgtgttcccc	gatgagggtg	1200
acgcggcccc	gcgctgacac	ggccagctcg	ggctcgcccc	cgaactcctc	ccggaaggct	1260
cgcggggcct	cggccagcag	ctccgcgacc	tggggctgtc	tcaaagcagc	catgacgcgc	1320
gcctgcagct	ctgcacagct	gctccgcaca	gccccgt			1357

<210> 6793
 <211> 855
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (54)...(780)
 <223> similar to gil749490 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6793
 gggtcgaccc acgcgtccga gtaggcagag agcggacctg gcggccgggc agcatggcgg 60
 ggctggagct cttgtcggac cagggtacc ggggtggacgg gcggcgcgcc ggggagctgc 120
 gcaagatcca ggcgcggatg ggcgtgttcg cgcaggctga cggctcggcc tacattgagc 180
 agggcaacac caaggcactg gctgtggtct acggcccga cgagatccgg ggctcccggg 240
 ctcgagccct gccggacagg gccctagtga actgtcaata tagttcagcg accttcagca 300
 caggtgagcg caagcgacgg ccacatgggg accgtaagtc ctgtgagatg ggcctgcagc 360
 tccgccagac ttctgaagca gccatcctca cacagctgca cccacgctcc cagattgata 420
 tctatgtgca ggtgctacag gcagatggtg ggacctatgc agcttgtgtg aatgcagcca 480
 cgctggcagt gctggatgcc gggataccca tgagagactt tgtgtgtgctg tgctcagctg 540
 gctgtcgtgg acggcacagc cctggcggac ctcagccatg tggaggaagc agctggtggc 600
 cccagctgg gccctggccc tgctgccaaag ccttcaggac agattgcgct gcttgagatg 660
 gatggcccgg ctgcacgagg accacctgga gcgggtgttg gaggctgctg cccaaggctg 720
 ccgagatgt gcacaccctc ttagatcgag tgggtccggca gcatgtgcgt gaggcctcta 780
 tcttgctggg ggactgacca cccagccacc catgtccaga ataaaaccct cctctgcccg 840
 caaataaaaa aaaaa 855

<210> 6794
 <211> 1125
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(870)
 <223> similar to gi4929625 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6794
 gcacgaggtc gtcattggagg cggatttgac cgaagagctt gatgaggaag agcagctgct 60
 gagaaggcat cgcaaagaga agaaggagtt gcaagccaaa attcagggca tgaagaatgc 120
 tgttcccaag aatgacaaga agaggaggaa gcaactcacc gaagatgtgg ccaagttgga 180
 aaaagaaatg gaacagaaac atagagagga actgggagca attgaagctg actactaagg 240
 agaataagat agattctgtt gctgttaaca tttcaaactt ggtgcttgag aatcagccac 300

ctcggatatac	aaaagcacaa	aagagacggg	aaaagaaagc	tgcattggaa	aaggagcgag	360
aagaacggat	agctgaagct	gaaattgaaa	acttaacagg	agccagacat	atggaaagt	420
agaaacttgc	tcaaataattg	gcagctagac	agttagaaat	taaacagatt	ccatctgatg	480
gccactgtat	gtataaagcc	attgaagatc	aactgaaaga	aaaggattgt	gctctgactg	540
tggttgcctt	gagaagtcag	accgctgagt	atatgcaaag	ccatgtggaa	gactttctgc	600
catttttaac	aaaccctaata	acaggagata	tgtatactcc	agaagaattt	cagaagtact	660
gtgaagatat	tgtaaacaca	gctgcatggg	gaggtcagct	tgagctaaga	gctctgtctc	720
acattttaca	aacaccaata	gagataatac	aggcagattc	tcctcccatt	atagttgggtg	780
aagaatattc	aaaaaaacca	ctaatacttg	tatatatgag	acatgcatat	ggcttaggag	840
aacattataa	ttcggttaca	cgactgagtt	ggtgcgctag	taattcccag	gatcatgact	900
gagagattgt	taataaaagc	attgagtggtg	ggtaaaaata	cgaagatcat	tactttgaat	960
gggaagaaga	tgacaaagat	gccctcagca	ttaggaaaac	tgcttggcct	gaagactcta	1020
gtccttcaga	ataacctaata	ccccaaagt	tgtccagagt	tatgcaactt	gacccaggac	1080
tggaaagataa	gcaagaatct	gaagctgggtg	cctctccaag	tatta		1125

<210> 6795
 <211> 2250
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2112)...(125)
 <223> similar to gi3941326 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6795	
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gcagcatcac	agcttgagcc
gcctaattgc	ggtaattggg
tattctcgac	tgtatcgggg
tcttctctct	ccttctctcg
cgaagctcgt	cttcccgcctc
gccttcttat	ccgccttgaa
tcctgaggcg	tcagcttggg
cggctctttt	cagcttctcg
ttgcggtgga	tggcgagggg
ggctggggct	atggctgcgg
agctgtcgcg	gctgcggcta
ggtcccctga	gtgggagcgg
cgggcgagcg	ggagtagccg
ggctacggga	ccgggaatag
gggagcgggc	gtggcgcccg
agcgagagct	ggagcgggag
aggagcggcg	gcgggcgctg
cggggggctt	ccctgtggtg
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gcttctcccc	aaactctctc
tttacttaga	gataaaacca
ccccacccc	ccactcttct
agcgcttcg	agaagagctg
ggctgtactg	gcgttcccac
ggatcttgcg	ggccatggct
ggatcatctt	ttcttgtgcc
gcatacctcag	tttctccttc
ccggcagggt	ccggcagggt
agctcctgtc	tcctttaccag
cgggcagggt	agcttctctc
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gctgcgact	gctgcgact
ccggccgccc	cgctgtagc
cccgtaacca	ccacgcggg
acctgagtgc	cgccggccac
gcgggaccag	gagcgggacc
acggcgagag	cgggagctgg
agaggaggag	gaggaggagg
gcccgcaggc	tggggagggtg
agcagcggct	gcggtgcct
ctcctcgcgg	cccggggctg
gggtgaccgc	ttataggggt
gatcttgcga	cccctcagcc
ccccgagtag	atggccttct

cctcctcaag	agccttggca	tgcttgatgg	cctctgcctc	ctccttgtct	ttccggagca	1440
tcctgacgaa	gtcaccgtcg	gccatgccat	aagtcgtggc	ctgtttgttg	agatctgcca	1500
cctgctcctg	gttcaattca	tccacgtcca	cctccacgtc	gatgtcgggg	atgacctcat	1560
cttcgtccga	gttgctctcc	tcctcggccg	ctgactcctc	ctcctctggc	ttttctgccg	1620
ccttctctac	ctcggccacc	gtgctgtcct	cgtaggtata	accgatggaa	gccttcttct	1680
ctgccagctt	cttcttctca	tcttcgctgg	gtctctggag	gcctccgtac	aactcatcaa	1740
tgtagatctg	gtacaggcac	tgctcctttg	agatgccggc	aaagtcgttc	tgaccaggcg	1800
ctctgtagcg	ctcgtagtta	cacttccggt	cgtccgactc	ctgttctggg	gagatggtgg	1860
tgagcagagg	gggggtgtag	tcggggatgt	ggtccagggt	ggcacggaca	tcgaatcggg	1920
caatcatggt	gttggtgtcc	ccctgccagg	gcacatatt	aacagggttc	tcagcggcca	1980
gggcgactgc	agaatccagg	tgacaccttg	aagctcggcc	atgtacctgc	aggaactggg	2040
ctgggtcctt	cttgatcttt	tcataatact	cccgtcttcg	ctccgccctc	ttctttagtg	2100
cgaccatcat	gcctcgaagc	ttccgctcat	gcttccgagc	ctcgtgccac	attgtggtga	2160
ggccaagcct	ggggcctcaa	ccggctgggc	gccgcctccc	accgctgcgc	tcgcgcgcgc	2220
cccgcaccgg	aagcggaaat	gaaaggccgc				2250

<210> 6796
 <211> 3097
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3021)...(353)
 <223> similar to gi987948 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6796						
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tcataacatg	tacataaata	agaatgtttc	tcatttctta	atattattaac	aatgtatata	120
tttgaaaaaa	tatatacaat	atttcaaaac	aagcccttca	agactatatt	taagcaatga	180
catccaagga	agcagaactc	aggtaccatg	taatatttgg	aaaatatggt	aacttgaaga	240
ttaagatttc	tcttccttgc	tggttactct	gaagtctcca	atatacaaag	gttgctccta	300
acgtggtttt	cttattgagc	caagcatctt	gatgggtcaa	tcccagtttc	atcttctcca	360
gtactgggca	aacttgtgaa	tctgttccac	cactgcagca	aaaagagcat	ggacactctc	420
atcaatcaga	ctctgcatgt	aatgcacagc	ctcttcatcc	gacagggtcta	agcggaaattt	480
atcctgaacc	tttttcacag	ttttatctgg	ttcaagtgca	atatctggaa	tgtttgcatc	540
aaccatcaag	gaaaacaagt	tcaaaatcag	attagaatac	cttcgcagggt	ggaggaaagc	600
cgtgtaacac	tgtttacgga	actcttggtg	ctgctcactc	tgtgtgcccc	ccattccttc	660
taccatttct	ttattcagct	tcattgggtg	aggaagaggc	tttggatccc	gacccaaaat	720
atatccaaag	tctatgtgga	agagtttgcc	tgtttttggt	agcaaaaggt	tatccagggtg	780
cctgtctcca	actccaagta	tataggtgat	cacgcaatat	ccagcacagc	ttttaacgta	840
agtggtccatg	acctcagcac	taatcccatt	tggccccattc	tcacttggtg	catattttct	900
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aaactgcatg	aagccatggt	ttgtactggg	ggctaacacc	ttataagggtg	tcaatttcaa	1020
gtccagattt	tctttccgta	acagcttggtc	catgagtga	atgatttgaa	gaataagttg	1080
atcttgacgt	aatcatctc	catgcttaaa	tataactgga	tatttgcttc	catcttccgt	1140
cttaaaaaac	aactgtgcag	gcataagggc	acttttaaac	agtgtagctg	tttccggaat	1200
tattcctcta	attttcactt	ggggttctaa	aggcaacggg	ataagttcca	catctgacaa	1260
attcatcttt	tcattatctc	caagcaatgc	ctgtagtctc	tcattctttt	tcttacgatt	1320

094066725 "012100

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tgcagccagc	aaagaacgca	taactctgac	agacttatca	cccttcaaca	atgcttggtc	1440
gaatcttctc	attacgttca	agtacatctc	atgggtcttt	ggatctctct	gctgagtatc	1500
ttgatcttca	cattccacta	tcacatacca	gtataaataa	ttagccagtg	ttgagttttt	1560
ggaggctctc	gatatacaaga	aggtacagag	atcttggtcc	agattttcgc	catctggaac	1620
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atatttgaga	gcctggacca	attgtaatat	gtacatcaac	aaatcctcat	catcggcctg	1860
tcgcaaccgg	gcaacagcat	aacgcctcac	agttgggttg	gtgtaatgag	aggataacag	1920
ctccaaggag	tcctctacat	ccatcggtct	ccattttccc	agaagtgcc	aggcctgttt	1980
ggccccctga	ggtagatccc	aaataacaga	tgtcaggatt	ttggtcaagg	ctttatcttg	2040
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caagcttcc	atcttaagct	ggacgttgat	atccagggtc	caactataga	tgtagtga	3000
cttctctgct	tccccatcg	caccgtctgc	aaaggtagca	cctacagcgg	gaacttaggt	3060
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<210> 6797

<211> 4064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (346)...(3698)

<223> similar to gi3688350 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6797

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gctttgcaaa	acaagagagc	acaaaaacaa	gctgagagct	ttgaagattt	gaggagagac	180
gtgttcaata	tggtctgtta	ccttggtcct	cacctttctc	acgatcccat	tttatttgca	240
aaagtgggtg	gcataggcaa	gtcatttatg	aaggagtgtt	agtctgatgg	aagcaaacaa	300
gaagataaag	aaaaaacgga	agttatcctt	agctgtttgc	ttagcattac	tgaccaggta	360
ctacttccat	ctctttcttt	gatggactgc	aatgcttgta	tgtctgagga	actatgggga	420

atgttttaaaa	cattttccata	tcagcataga	tatcgtctgt	atggccagtg	gaagaatgaa	480
acttataaca	gtcaccact	tttagtaaaa	gttaaagctc	aaacaataga	cagagccaaa	540
tatatcatga	agcgctaac	caaggaaaat	gtgaagcctt	ctggaagaca	aattgggaag	600
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ctgaattatg	atgtcttggc	ctgtatcctt	tcaaattgta	tcattgaagc	tttagcta	780
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aaaaaatcct	ctcagagatt	aaaggatgct	ctattggacc	atgatcttgc	ccttcctctc	1140
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atactcctcc	accactgtcc	aagagtaagg	agagagaaat	ggacaagaaa	gatttgaca	3300
agtcaaggga	aagatccaga	gaaagagaga	aaaaagatga	aaaggacagg	aaagagcgga	3360
aaagggatca	ctcaacaac	gaccgtgaag	tgccaccgga	cttaaccaag	agacgtaaag	3420
aggagaatgg	aacaatgggg	gtttcaaaac	ataaaagtga	aagtccctgt	gaatctcctt	3480
atccaaatga	gaaagacaag	gaaaaaaata	agtcaaaatc	ttcaggcaaa	gaaaaaggca	3540
gtgattcatt	taaactctgag	aagatggata	aaatctctc	cgggtggcaaa	aaggagtcca	3600
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agaagaaaca	tcataagtcc	tcggacaagc	acagataatg	aagactttcc	atcaagggtga	3720
gatcggactg	gaactgttcg	gctgcgacca	gaaattttatt	ttcctgagta	aattgccgag	3780
aattaagaat	gaagaggggc	atttgcatct	ccttaaatta	ttcagttacc	tgctttattg	3840

ctccatgtgg	gaaaacttaa	aattgttaag	ttgtgcatta	ctgtatttta	acttgttggc	3900
ttagtttcta	catgtttatt	ttcagtaatg	gctgaaagtg	ttaactgttc	catactttta	3960
gcacaatgtg	ctgcataagg	ttacctgtgt	acagagtttt	acttttagatt	aactaaatat	4020
tgcctgggtt	cagtttttat	ttccattctg	aaatgcttcc	tttt		4064

```
<210> 6798
<211> 2344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (754)...(1414)
<223> similar to gi3970852 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6798					
cgggtcgacc	cacgcgtccg	agaaaaatggc	actgcaaacc	ctatcaagaa	cggtaaaaaca	60
agtccagcat	ctaaagatca	gcggactgga	aagaaaacct	cagtacaggg	tcaagtgcaa	120
aaggggaatg	atgaatctga	aagtgatttt	gaatcagatc	cccctttctcc	taagagcagt	180
gaagaggaag	agcaagatga	tgaagaagtt	cttcaggggg	aacaaggaga	ttttaatgat	240
gatgatactg	aaccagaaaa	tctgggtcat	aggcctctcc	tcatggattc	tgaagatgag	300
gaagaagagg	agaaacatag	ctctgattct	gattatgagc	aggctaaagc	aaagtacagt	360
gacatgagct	ctgtctacag	agacagatct	ggcagtggac	caacccaaga	tcttaataca	420
atactcctca	cctcagccca	attatcctct	gatgttgcag	tggagactcc	caaacaggag	480
tttgatgtat	ttggcgctgt	cccctttcttt	gcagtgcgtg	ctcaacagcc	ccagcaagaa	540
aagaatgaaa	agaacctccc	tcaacacagg	tttcctgctg	caggactgga	gcaggaggaa	600
tttgatgtat	tcacaaaggc	gccttttagc	agaaggtga	atgtacaaga	atgccatgca	660
gtggggcctg	aggcacatac	tatccctggg	tatcccaaaa	gtgtagatgt	atttggtctc	720
actccatttc	agccctttct	cacatcaaca	agtaaaagtg	aaagcaatga	ggaccttttt	780
gggcttgtgc	cctttgatga	aataacgggg	agccagcagc	aaaaagtcaa	acagcgcagc	840
ttacagaaac	tgtcctctcg	caaaggcgc	acaaagcagg	atatgtccaa	aagtaatggg	900
aagcggcatc	atggcacgcc	aactagcaca	aagaagactt	tgaagcctac	ctatcgactc	960
ccagagaggg	ctcgcaggca	caaaaaagtg	ggccgccgag	actctcaaag	tagcaatgaa	1020
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agggggaatg	tcttacaacc	tgaggagagc	ctgttggaac	ccttcggtgc	caagcccttc	1140
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atagtgaga	tgtattgaaa	atggatgatt	ttggtgccgt	gcccttttaa	cagaacttgt	1320
ggtgcaaaagc	atcactccac	atcagtccca	acagtcccaa	ccagtcagaa	ttagacccat	1380
ttggtgctgc	tccatttcct	tctaaacagt	agatacttct	gatggattct	cggcattaac	1440
tctgttttca	aaaaagtgtg	aacagtttta	tgaatttgaa	agaaaaattg	gtagctcttt	1500
atagcattca	ttcttaaaga	tcagtcagaa	taggtgattt	ctaaataaac	caaatagaag	1560
aatgaagtat	ctctacaggg	tagtaacttg	attcctcttc	aggagaaaaag	ggagctaaat	1620
tgcaagctct	aactaagggt	ttctgctact	gacatcacia	cacagaaatg	caagtgtggt	1680
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aactgttatt	tttgatatca	gaatgtcatt	tttatgtgca	tatccctaaa	attagggtta	1800
tttctacata	cactagttac	acttgtgaat	tttttttaag	gtctctttta	aatttccagg	1860
acagttaaaa	accaatctag	gttatcttaa	agcatttaga	aagttattat	ctggagagtg	1920
cagagatttc	agtccataca	cctttctcca	caaagcagag	ccagaagtaa	ctgacttatt	1980

```

gtgccttaaa actctgtttc attttttaaaa acaagtgcc a ttaaaatgga atatcta atg 2040
ataagcatat gaaataatgt gtaattagct caattttaact attccacaac ttacatatc 2100
caaaacaatg ttatacatga taaatatata taatttttgt cagttaaaac aaattaaaaa 2160
aatggactat cgtcgcacag aagcctagaa caaaaatatg aagagaaata tctgacattt 2220
gtaaagaaat tataagaaga aaaaaagata cagaacagaa aacattcact actttagaaa 2280
cactttatgc atggcttctt gccccaaact tttattgtga tggcccta at aaagcagatt 2340
attg 2344

```

```

<210> 6799
<211> 626
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (110)...(530)
<223> similar to gi2809498 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6799
gccgagcccg cgagatgctc cccagagctg cctggagctt ggtgctgagg aaaggtggag 60
gtggaagacg agggatgcac agctcagaag gcaccaccgg tgggtggggg aagatgtccc 120
cctacaccaa ctgctatgcc cagcgctact accccatgcc agaagagccc ttctgcacag 180
aactcaacgc tgaggagcag gccctgaagg agaaggagaa ggggaagctgg acccagctga 240
cccacgccga aaaggtggcc ttgtaccggc tccagttcaa tgagaccttt gcggagatga 300
accgtcgcct caatgagtgg aagacagtga tgggttggtg cttcttcttc attggattcg 360
cagctctggt gatttggtgg cagcggtct acgtatttcc tccaaagccg atcaccttga 420
cggacgagcg gaaagcccag cagctgcagc gcatgctgga catgaagggtg aatcctgtgc 480
agggcctggc ctccctctgg gactatgaga agaagcagtg gaagaagtga cttgcatccc 540
cagctgtctc cctgaggctc cgccctggct gggagcctct ggcggcccct cccctcccct 600
gcccttaacc ccagtaaagc tccaaa 626

```

```

<210> 6800
<211> 2126
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (93)...(1350)
<223> similar to gi609316 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6800
gaggaaggac agcacagctg acagccgtac tcaggaagct tctggatcct aggccttatct 60
ccacagagga gaacacacaa gcagcagaga ccatggggcc cctctcagcc cctccctgca 120
cacacctcat cacttggaag ggggtcctgc tcacagcatc acttttaaac ttctggaatc 180
cgcccacaac tgcccgaagtc acgattgaag cccagccacc caaagtttct gaggggaagg 240
atgttcttct acttgctccac aatttgcccc agaatcttgc tggctacatt tgggtacaaag 300
ggcaaatgac atacctctac cattacatta catcatatgt agtagacggt caaagaatta 360
tatatgggcc tgcatacagt ggaagagaaa gagtatatc caatgcatcc ctgctgatcc 420
agaatgtcac gcaggaggat gcaggatcct acaccttaca catcataaag cgacgcgatg 480
ggactggagg agtaactgga catttcacct tcaacttaca actggagact cccaagccct 540
ccatctccag aagaaactta aatcccaggg aggccatgga ggctgtgatc ttaacctgtg 600
atcctgaaac tccagccgca agctaccagt ggtggatgaa tggtcagagc ctccctatga 660
ctcacagggt gcagctgtcc aaaaccaaca ggaccctctt tatatttggg gtcacaaagt 720
atattgcagg accctatgaa tgtgaaatac ggaacccagt gagtgccagc cgcagtgaac 780
cagtcaccct gaatctctc ccaaagctgt ccaagcccta catcacaatc aacaacttaa 840
accccagaga gaataaggat gtcttaacct tcacctgtga acctaaagagt gagaactaca 900
cctacatttg gtggctaaat ggtcagagcc tccctgtcag tcccaggggt aaagcgaccc 960
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tctatggtcc agacctcccc agcatttacc cttcattcac ctattaccgt tcaggagaaa 1140
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atgggaagtt tcagctatca gggacaaaag ctctctatcc cccaaataac taaaagcat 1260
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aattccattt tctcccatgg gaattcacgg aagaggcaag gaccccactc tgtttccagg 1440
aaggccctat taagctggga ggggtggggac aacttcggat gttaaatttt catgggggga 1500
aaaccccttg ttaccctgga catgtggagg ccattcagga acttcaccaa aatgtttcgg 1560
acaccataac aacaggctac tcaaactgta aaccagggat aacaagttga tgacttccac 1620
actgtgggac agttttttccc aaagatgggc aggaacaaga cttccccatt catggattaa 1680
gggctcccca ccccccccta aactgtccct tgcctcatgc cctgccctct ttccacttgg 1740
gcagggttaa tggcagttca tttaggaatt ttcacatgta gttaggtttt tgaggggtta 1800
acaacaggag tggttcaggat atggttcata ttcaaccttc aaacttttta cgttaacatc 1860
ttcagggggg gaaatgtggg cttcttctcc atcttggcat acaggggctc ccaataggaa 1920
atggaacaca ggggttattg gcctgtgtgt tttgcagagg aggtggggtt ctataaagag 1980
taggaaagct gaaattatag tagagtctcc tttaaatgca cattgtgtgg gatggctctc 2040
accatttcct aaggagatac agtgtaaaaa cgtgacagta atactgattc tagcagaata 2100
aaacatgtac cacatttgct aaaaaa 2126

```

```

<210> 6801
<211> 1005
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (227)...(783)
<223> similar to gi29408 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6801

ccccatccaa	gactcaaact	tagaaacttg	aattagatgt	ggtattcaaa	tccttagctg	60
ccgcgaagac	acagacagcc	cccgtaaaga	cccacgaagc	aggcgaagtt	cattgttctc	120
aacattctag	ctgctcttgc	tgcatttgct	ctggaattct	tgtagagata	ttacttgtcc	180
ttccaggctg	ttctttctgt	agctcccttg	ttttcttttt	gtgatcatgt	tgcagatggc	240
tgggcagtgc	tcccaaaatg	aatattttga	cagtttggtg	catgcttgca	taccttgtca	300
acttcgatgt	tcttctaata	ctcctccttc	taacatgtca	gcgttattgt	aatgcaagtg	360
tgaccaattc	agtgaagga	acgaatgcga	ttctctggac	ctgtttggga	ctgagcttaa	420
taatttcttt	ggcagttttc	gtgctaattg	ttttgctaag	gaagataagc	tctgaaccat	480
taaaggacga	gtttaaaaac	acaggatcag	gtctcctggg	catggctaac	attgacctgg	540
aaaagagcag	gactggtgat	gaaattattc	ttccgagagg	cctcgagtac	acggtggaag	600
aatgcacctg	tgaagactgc	atcaagagca	aaccgaaggt	cgactctgac	cattgctttc	660
cactcccagc	tatggaggaa	ggcgcaacca	ttcttgtcac	cacgaaaacg	aatgactatt	720
gcaagagcct	gccagctgct	ttgagtgtca	cggagataga	gaaatcaatt	tctgctaggt	780
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tgtcagatct	cttttaggatg	actgtatttt	tcagttgccg	atacagcttt	ttgtcctcta	900
actgtggaaa	ctctttatgt	tagatatatt	tctctagggt	actgttggga	gcttaatggt	960
agaaaacttc	ttggtttcta	tgattaaagt	cttttttttt	cctga		1005

<210> 6802

<211> 2785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (101)...(2624)

<223> similar to gi4588046 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6802

tagcagccag	gcttggcccc	cggcgtggag	cagacgcgga	cccctccttc	ctggcgggcg	60
cggcgcgggc	tcagagcccc	gcaacggggc	ggcgggcaga	atgagtctgc	aggtcttaaa	120
cgacaaaaat	gtcagcaatg	aaaaaatac	agaaaattgc	gacttcctgt	tttcgccacc	180
agaagttacc	ggaagatcgt	ctgttcttcg	tgtgtcacag	aaagaaaatg	tgccacccaa	240
gaacctggcc	aaaagctatg	aaggtgactt	ttcagacacc	tctgcgggga	tccacagaca	300
gcacaggatt	ctaagtccca	gcatggccag	caaacttgag	gtccttttca	ctcaggatga	360
cacccttggg	ctggaaaact	cacacccggt	ctggacacag	aaagagaacc	aacagctcat	420
caaggaagtg	gatgccaaaa	ctactcatgg	aattctacag	aaaccagtgg	aggctgacac	480
cgacctcctg	ggggatgcaa	gcccagcctt	tgggagtggc	agctccagcg	agtctggccc	540
agggtccctg	gctgacctgg	actgctcaag	ctcttcccag	agcccaggaa	gttctgagaa	600
ccaaatggtg	tctccaggaa	aagtgtctgg	cagccctgag	caagccgtgg	aggaaaacct	660
tagttcctat	tccttagaca	gaagagtgc	acccgcctct	gagacctag	aagaccttg	720
caggacagag	tcccagcaca	aagcggagac	tccgcacgga	gccgaggaag	aatgcaaagc	780
ggagactccg	cacggagccg	aggaggaatg	cgggcacggt	ggggtctgtg	ctcccgagc	840
agtggccact	tcgctcctg	gtgcaatccc	taagggaagc	tgcgaggag	caccttgca	900
gggtctgcct	ggcgaagccc	tgggtgccc	tgcgggtgtg	ggcaccctcg	tgccagcaga	960
tggcactcag	accttacct	gtgcacacac	ctctgtcct	gagagcacag	ccccaccaa	1020
ccacctggtg	gctggcagg	ccatgacct	gagtcctcag	gaagaagtgg	ctgcaggcca	1080
aatggccagc	tcctcgagga	gcggacctgt	aaaactagaa	tttgatgtat	ctgatggcgc	1140
caccagcaaa	agggcacccc	caccaaggag	actgggagag	aggtccggcc	tcaagcctcc	1200

cttgaggaaa	gcagcagtga	ggcagcaaaa	ggccccgcag	gaggtggagg	aggacgacgg	1260
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cctgagggac	agtcctggtg	gaccagtgcc	cgtggccacc	gagaccagca	gcatgcacgg	1860
tgcaaatgag	actccctcag	gacgtcccg	ggaagccaag	cttgtggagt	tcgatttctt	1920
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caagcggttt	gagaaacaga	aagaggtgat	cgagggtctac	cgcaagaacg	aagagtcact	2340
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catccagtcg	ctggagaaga	cagtggagca	gaagacttaa	agagaacgag	gagctggacc	2580
aggattctgg	cgacgacctc	atcttccaag	atggagaaga	tctggacctc	cacggagccg	2640
ctgtccccgc	cccccgcgct	cccgctctgt	tgtcctgtct	gattctctta	ggtgtcatgt	2700
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caataaaaag	ttcctttcaa	tttaa				2785

<210> 6803
 <211> 3182
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3183)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (208)...(1917)
 <223> similar to gi3309252 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6803						
gactgtggaa	gcacgagctt	acataagtgg	ttaggcaagc	tggcgtgtgg	acttgtgtgg	60
gatgggtgca	ggtctgcata	taaatcatgt	tcctgggttt	ctgggtgtga	agcgacacac	120
gacggggacg	agagcgcata	ggatggcgct	tttagatact	tccagtcttc	cgatgtttgt	180
atcgagtggt	gagtgaagac	actcaggatg	gctcaaggat	ccggggatca	aagagcagtg	240
gggggttgctg	acccagagga	gagttctcca	aacatgatcg	tttactgcaa	aattgaagac	300

atcattacaa	agatgcaaga	tgacaagaca	gggggtgtgc	ccatcagaac	agtcaagagc	360
tttctctcca	aaatccccag	tgctgtcaca	ggtactgaca	ttgtgcagtg	gcttatgaag	420
aacctttcca	ttgaggaccc	agttgaagca	atacacttgg	ggagccttat	cgctgcccag	480
ggctacatct	ttccaatctc	agaccatgtt	ctcaccatga	aggatgatgg	cacctttttat	540
cgtttccagg	ctccgtactt	ctggccttcg	aactgctggg	aacctgaaaa	cactgactat	600
gccatctatc	tctgtaagag	gacaatgcaa	aataaaagcaa	ggctggaact	ggcagattat	660
gaagcagaaa	acttagcaag	actccagagg	gcctttgcga	agaagtggga	attcatcttt	720
atgcaagcag	aagcacaagt	taagattgac	cggaaaaaag	acaagacaga	aaggaaaaatt	780
ttggatagtc	aagaacgagc	cttttgggat	gtccacaggc	ctgtgccagg	ctgtgtgaac	840
acaacagaaa	tggatatccg	aaaatgtcga	cgtttgaaga	atccacaaaa	ggttaaaaaag	900
tccgtgtatg	gcgtgactga	agagtcccag	gcacagagcc	cggtgcatgt	actcagccaa	960
ccaatcagga	aaacacccaa	aaaggaccat	ccggaacacg	ataacatttt	tgaacgcaca	1020
gatcgacaga	cattgtttga	aaatgtccaa	agtggctgaa	agtttaattg	cctacacgga	1080
acaatatgtg	gaatatgacc	ctttgataac	accagctgag	ccatccaacc	cttggatcag	1140
cgaagaagtt	gctttgtggg	acatagagat	gagcaaaagac	cccagccaac	agcgagtaaa	1200
aagatggggc	ttttcttttcg	atgagatatt	gaaggaccag	gtggggcggg	accagttttct	1260
acgattcctg	gagtccgaat	tcagttcaga	aaacctcagg	ttcctggctg	gctgtccaag	1320
atcttaagaa	acaaccccta	caggatgtgg	ccaagagggt	agaagaaatc	tggcaagagt	1380
ttctggctcc	aggggctcca	agtgaatca	acctggattc	tcacagctat	gagataacca	1440
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agctgatgaa	gagtgcacgc	tatgcccgct	tccctccggg	caaatgctta	ccaggatttg	1560
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caggcgggcg	cgctccacat	ctgcggacag	agtttcctta	cgaggagact	tggtcactgt	1740
gaaggagaaa	gagtgaaggc	aatgaagggc	gatgggtggg	agactcgggtg	ggtgaatggg	1800
gagaccagaa	agaaagagtc	cacagagcct	gggctggggc	cggtggaggc	tcctgtttac	1860
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aa						3182

<210> 6804
<211> 2695
<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (262)...(2514)

<223> similar to gil90664 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6804

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attggttcag	tgcactctag	aaacactgct	gtggtggaga	aactggacc	caggtctgga	120
gcgaattcca	gcctgcagg	ctgataagcg	aggcattaat	gagattgaga	gagactttac	180
cccgcgtgg	tggttggagg	gcgcgcagta	gagcagcagc	acaggcgagg	gtcccgagg	240
gccggtctg	ctcgcgccga	gatgtggaat	ctccttcacg	aaaccgactc	ggctgtggcc	300
accgcgcgc	gccgcgctg	gctgtgcgct	ggggcgctgg	tgctggcggg	tggtttcttt	360
ctcctcggct	tcctcttcgg	gtggtttata	aaatcctcca	atgaagctac	taacattgct	420
ccaaagcata	atatgaaagc	atTTTTggat	gaattgaaag	ctgagaacat	caagaagttc	480
ttatataatt	ttacacagat	accacattta	gcaggaacag	aacaaaactt	tcagcttgca	540
aagcaaattc	aatcccagtg	gaaagaattt	ggcctggatt	ctgttgagct	agcacattat	600
gatgtcctgt	tgtcctaccc	aaataagact	catcccaact	acatctcaat	aattaatgaa	660
gatggaaatg	agattttcaa	cacatcatta	tttgaaccac	ctcctccagg	atatgaaaat	720
gtttcggata	ttgtaccacc	tttcagtgtc	ttctctcctc	aaggaatgcc	agagggcgat	780
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tatattgata	aattttaaaa	ttggtatatt	tgaataaaag	ttgaatatta	tatatagtta	2640
aaaaaaaaag	aatgaaatag	aaaaaaaaact	aaactaatta	gaactactgt	ataat	2695

00483725-012400

<210> 6805
 <211> 862
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (845)...(281)
 <223> similar to gi4454702 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6805

gttttttttg	tggacccccac	tcaaaacgta	tttattgaat	gacaatttct	tagtacagt	60
tatactatcc	ccaccaaagg	aaaaaaacat	taagagcaaa	acaaggggtg	gggggtggga	120
atattgctaa	agaaaattct	aataagagtt	atctataatt	atagctttta	tttattatat	180
cttcattcaa	tcatttatat	cacaattagt	ctaattgcat	tcttgatgaa	taactgactt	240
cagcaaagga	gtcaatccac	taagcaaagt	tcatatatat	ttttcaagat	gttcttcttt	300
cgatcttgag	tctttactct	cctggattcc	caagagaact	gcattagcct	ctagtacagt	360
tgtaatctgt	tgttgctccc	aggaacctag	acgtaagtcc	aagatctaata	agccgcaaac	420
cggaccctgg	ttcctttctg	ggtatttctc	tccatccact	tctggtcttc	tacatacaca	480
atgaaacttt	ccaccaaaat	ctatgtacca	gatcattctc	cacaatatga	aagatccgtc	540
caatgaccag	tttatccttt	gcagggtcca	tctgtgtaag	aggagaatgt	ctcagcatag	600
atgcaaagga	ttccacattt	tttggaagac	ccttctgtag	gggctccacc	ttctgtagaa	660
gctccgagtg	ccgctccaac	gcgctcgaga	aaccgcctgc	gcgctcttta	ggctccttgg	720
cattggaact	accactttcg	gatccactct	cagtgcctac	accccgaaag	ggcctgaaga	780
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ccatgacttc	tttacctctg	ac				862

<210> 6806
 <211> 3261
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3119)...(264)
 <223> similar to gi508231 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6806

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agaaacatga	tatatttaca	aatatacagg	taagagactg	ctggtcagaa	atcttaaaac	120

tcaaaatgtc	atcaaaaaatt	aattttacaaa	agccaccaag	ggcccatgga	ggcggccagg	180
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tgcctccgct	ggccccgtct	caggaagcgc	tggtttgag	gtttttggaa	gctgcaagca	300
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cccgactctc	cacaggggag	acgctggctg	agtgcgccga	gtggggccgcg	ggggccgcgcg	480
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tgttgcccc	agggctgcgg	ctcacgcggt	aggcagtggg	cacactcctc	tcttccctcc	660
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gcgtccccgg	cgtccaggct	ggtctctctt	tgtgcgcgcg	gacgtccctg	atacctccac	3180
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tagcgggcct	caaaaacgaa	a				3261

<210> 6807
 <211> 2142
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2041)...(86)
 <223> similar to gi6009642 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6807

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acgtcgaggc	ccgggatgcc	gcggatctgg	cgttgcagcg	ccccaccag	caagggcacg	180
gcgcccctct	cctcctcctc	tgggggcggg	cgggggtggc	ggcgacacgg	ccccgggggc	240
tggctctggg	ggcacgggag	gctgcgcggg	cacgccctct	gcgcccctcg	gagatccctg	300
ccgcttcgcc	ctgcgcccc	tcgtccaggg	caccgccttc	aagcctcctc	ctagctcctt	360
ctcctcctcg	gggcttgtcc	ggtgaaaagg	gttctcgccc	tttcaagtaa	gcgctccagc	420
ttcttgtctg	tgagcttggt	gttgagaata	ctgcgggcca	ccatgaggga	ggacttcttg	480
gactgtccca	tcattgagct	gcggttcggg	ttgtgattcc	atggtcttca	gatgcttctg	540
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ccattttcat	cctgggtggg	tagggcccc	ttctctggat	cctctttgcc	ttcttctctc	1020
ccatcctctt	ttccctcctc	atcctctcgg	tccactctgg	agcccttctc	cacagcctcg	1080
gtgccttcaa	ggccctctgt	ggcttcccc	tcggtgcctt	catcattgtc	tgagtcgctg	1140
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ggtggcgggc	aacacaacat	ccgacgacgc	cggttctctg	tgctctgaac	atccgacgct	2100
gcgatactgt	ctgctaacca	caggggtcccc	cggacgcgtg	gg		2142

00406725.012100

<210> 6808
 <211> 2372
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (475)...(1855)
 <223> similar to gi479173 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6808

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tacatgaaag	tggcatat	tgggtagca	tacactgatc	ctcttcaaaa	ggaataat	180
gcttttctct	tatcatggtt	atgagagcta	ctttgaatta	atTTTTgctt	tttgaaagta	240
catttaattc	tcaaagtgtt	ctgcttttga	atgcagtttg	ggagagccca	tggtgactgc	300
gtgagtggag	cccagctgtg	tggatgcccc	agcatggatg	actacatggt	cctgagaatg	360
attggggagg	gctccttcgg	cagagctctt	ttggttcagc	atgaaagcag	taatcagatg	420
tttgccatga	aagaaataag	gcttcccaag	tctttctcta	atacacagaa	ttctaggaag	480
gaggctgttc	ttttagccaa	aatgaaacac	cctaattattg	ttgccttcaa	agaatcattt	540
gaagctgaag	gacacttgta	tattgtgatg	gaatactgtg	atggagggga	tctaattgcaa	600
aagattaaac	agcagaaagg	aaagtatttt	cctgaagaca	tgatacttaa	ttggtttacc	660
caaagtgtgcc	ttggagtaaa	tcacattcac	aagaaacgtg	tgctacacag	agatatcaag	720
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cctccagaaa	tttgggaaaa	cctgccttat	aacaataaaa	gtgacatctg	gtccttgggt	900
tgcattcctgt	atgaactctg	tacccttaag	catccatttc	aggcaaatag	ttggaaaaat	960
cttatcctca	aagtatgtca	aggggtgcac	agtcactgc	cgtctcatta	ctcctatgaa	1020
cttcagttcc	tagtcaagca	gatgtttaaa	aggaatccct	cacatcgccc	ctcggctaca	1080
acgcttctct	ctcgaggcat	cgtagctcgg	cttgtccaga	agtgcctacc	ccccgagatc	1140
atcatggaat	atggtgagga	agtattagaa	gaaataaaaa	attcgaagca	taacacacca	1200
agaaaaaaaa	caaaccaccag	cagaatcagg	atagcttttg	gaaatgaagc	aagcacagtg	1260
caagaggaag	aacaagatag	aaagggtagc	catactgatt	tggaaagcat	taatgaaaat	1320
ttagttgaaa	gtgcattgag	aagagtaaac	agagaagaaa	aaggtaataa	gtcagtcctat	1380
ctgaggaaag	ccagttccac	aaatcttcat	agacgacagt	gggagaaaaa	tgtacccaat	1440
acagctctta	cagctttgga	aaatgcatcc	atactcacct	ccagtttaac	agcagaggac	1500
gatagagggtg	gttctgtaat	aaagtacagc	aaaaatacta	ctcgtaaagca	gtgggtcaaa	1560
gagacccctg	acactttgtt	gaacatcctt	aagaatgctg	atctcagctt	ggcttttcaa	1620
acatacacaa	tatatagacc	aggttcacga	agggttcctt	aaaggccccc	tgtctgaaga	1680
aacagaagca	tgggacagtg	ttgatggagg	tcacgattct	gtcatttttg	atccagagcg	1740
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ctgggtgtca	gagctgaaga	agcgaagctg	atggcaaggc	ctgtgcgaca	gataatgcct	1860
gaggaaatgt	tccgtgagtc	cgctgaggag	agccttcact	caggagttca	tgctgagatg	1920
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taatacttaa	aatcgttcct	gattagtatc	gtgagtttga	aaagtctaga	actcctgtaa	2040
gtttttgaac	tcaagggaga	aggtatagtg	gaatgagtgt	gagcatcggg	ctttgcgctc	2100
ccatagaaca	gaaatgggga	tgcctagccg	tgccaccta	ccctacttgt	gtgattgtgg	2160
ggaaattacc	ttaaccctct	tcaagccccc	aatttccttc	aaccataaaa	atgaagataa	2220
taatgcctac	ctcagaggga	tgctgaccac	agacctttat	agcagcccg	atgatattat	2280
tcacattatg	atatgtgttt	attattatgt	gactcttttt	tacatttcct	aaaggtttga	2340
gaattaaata	tatttaatta	tgaaaaaaaa	aa			2372

<210> 6809
 <211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (621)...(254)
 <223> similar to gi4200218 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6809
 attttttttt ccatttttcat aaacagatct ttataatcat gtaaattaaa caattttgtc 60
 tttaggagac ggcacacag aacatagagg taagagctag aataccagca atcttaggaa 120
 ggcaaaatta aatcatcttt tgggagaaga gagaaaattg tgaggagaag gtgccagtgt 180
 caaagattgg cttggcgagg ttattttctc tctgggagtc tgggaggtga tgagctccta 240
 ccgctcactg cctctgttgt cttgcctatt gggtcctttc tgggcaagga agaacgttgt 300
 ctctctttta gagttttgtg ggcctctgtc agtaatccgt ggaagacagc tgtcctgggg 360
 ccagaaatgg caagtctctgt aagtgaatgt tttctgttgg gatgtcatca tggaaaggct 420
 caggtgtagt ctggaatttg ggttgatgaa gactcattct ataactcata caattctcaa 480
 aggatgcttt tggatcatct gggattttca ttgttcttgg ttgtaccatt ttcatttctt 540
 gacatgtgga gcacagctgt tggtttctga gcagcatgga gtcacactgg ttcctcctgg 600
 cctcagactt gctatcagct gaagcctggc ctccaagaag agctgctcca tttctatctg 660
 gagaagggat gagggcattg aagagtcgtg gaaggcagct gtgacaggct actttaaagg 720
 cgactcaaac atttgagacg ccattgtcctg caggcctcat ttcctccatt ctgtcttgct 780
 ttctttccca gccctgaaac ccagggtcttt ggtctttttc ttctgttgca ttccttctc 840
 actcggtttc cttacgacca gctcagcagc aatcgagcgc gtggggcggac gcgtggg 897

<210> 6810
 <211> 2254
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1602)...(2095)
 <223> similar to gi5566106 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6810
 gagcctttga gtctgaggcc aaagttgccc caccaccccc agctaagtct tcagctgtgg 60
 catcctggcc cagccacaca agctgtggag gtgcggggga ccaactccca ctctgccctt 120
 ggaccacaac cctccttgct gggcaccaag ccagggtttt tggtttgggg gggacactgg 180
 cctgcttaca gcggggagca gcaccaggg cggctctgtc ctgagcatga ctgtgctgtc 240

ccacagacca	acaccaacta	cagccaggag	aagcaccgct	gcgagtacct	gcacagcaag	300
ctggcccaca	tcaagaggct	catcgccgag	tacgaccagc	ggcagctgca	ggcttgcccc	360
tagccgccct	ccccgatggc	ggggatctgg	gagggtcggg	ggagcaaaag	gcggtgagag	420
aggatttatt	taaaaaata	aacccgagga	agatgctcat	ctgagccagc	accgccggct	480
ttcagggcag	cccctgcaga	cgtctggccc	tggcgggtgg	ctgcaagccc	acctcgggcc	540
tccctgcgct	tcctgagcag	tccctgctta	tgatgggctc	cccaggaagc	ccactgcctc	600
ctccctggct	gcagcctccg	gggttcagcc	tcctgtctcg	ccagaagact	cctaggccct	660
tggggtggcg	cgctgcctt	ttctagtttt	atacaaagac	agccactttt	agctactgct	720
aatgagactt	gagtctat	ttgtacaaaa	gagaagcaaa	atcttttttc	taaacctgtg	780
cctccctctc	ctcggaacac	caggtcttag	ccgctgccct	gggtcctgcc	tgcagtatta	840
cagaggtcgt	cgaaagggtg	agctgcgttc	tgagggcgtg	gggaatgggc	aggtggcctc	900
tgctggctct	tggctctacg	tttaggcacc	cctttcccca	gcctctcctc	cttgggcagg	960
gtctctgctc	cagcaagcaa	acaggggtgg	ccaggtggct	attttgagaa	ctccagctgg	1020
tgccccccaga	cagctgctca	gagccaaggg	ggcagagggc	tttcagcgcc	cccaggcctg	1080
ccctgctatt	tcaggccctc	agctgtcggg	ggccactgtg	tttctgtgct	ccaagttgag	1140
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gctgctgctg	ctcattccac	actgttgaga	ccttgtgggc	tcgatgctgc	tggcctccct	1260
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gcactcaggg	aggggctgat	ggagggctgg	gcgccatggg	gtcagggagg	ccccagggac	1380
ccatgggcag	agctggggag	ccaggaggat	gggtctgcct	gctctggggg	tgcaggctct	1440
gcagacaccc	caattgctgc	tctgttgctg	tgccatgtct	agtgtcccc	aaagcatcgg	1500
ggggccacgc	aagtgtgggt	gtgtgagtgt	gcgtatgtgg	ggacccccca	gggcatggtg	1560
gggtctgagg	cgtgtgttcc	catttagggc	tgaatgaagc	catgacttgg	aaaggtggtg	1620
gggggtggat	ggcggctgtg	actcatggcc	cagggatcac	atgggggtca	ctgctgccat	1680
cagcagtcag	gcagggagaa	cagaaatgca	aaaatacaga	tgtgtctatt	tttctaaact	1740
gggggggtgga	ggggtgcctc	ctgacagctt	ccaaagagct	gactgtggag	ggccccacagt	1800
gtatcccacc	cctgcccagag	agtctctctc	ccttgggacc	ccccgggttc	ccagagctcc	1860
gaggaaactg	atccttcatg	tttcaatagc	tgttgttgtt	tttctctttg	ggccggggccg	1920
ggccgggggaa	gggcccagca	ggctccagga	ggcctccaga	gtcagctgga	ccttgctgtg	1980
tcgcccgcag	gcagccctgc	agacaccggg	gaggtgggat	gatttcagga	ggtcccagcc	2040
cgggactgcc	cgccccctcg	ccctgggaac	cagtccaagg	ggctgtcagt	tgaatttgcc	2100
tttttgttgt	tgttgttgtt	tttgttgttt	atttgttctc	cctttaagga	attatgaagc	2160
taagaaaagt	tttgtgtttt	gggggttggt	ggacaaagtt	ctagctgatt	aaatatggtc	2220
taacttattg	atactatatt	ttttctttta	atgg			2254

<210> 6811

<211> 4601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1598)...(3782)

<223> similar to gi5870326 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6811

gcgaccgccg	gaaaagcgct	tcggccacat	ccagcagcag	tagtcagccg	caaggaccgg	60
gactcgaagg	cccacgcag	ccggactaag	tcgtccaagg	agccgccttc	ggcctacaag	120
gaaccgcccc	aggcctaccg	ggaggacaag	accgagccta	aggcctacaa	cgagacgacg	180

gtccctcaga	ccactgggag	gccgggacga	cagaccgggtg	tcacacaggg	cctctcagag	240
cctgaggagc	cgcaagtccc	ccagcccggc	aggagggtggc	agcagctcct	attctcggcg	300
gctgcccgcg	tccccgagcc	cctacagtcg	acgccgctcc	cccagctaca	gccgccacag	360
ctcctacgag	cggggcccgcg	acgtgtcccc	tagtccctac	agcagccagc	agctggcgcc	420
gctctcgag	tccctacagc	cctgtgtctca	gacgggtctgg	aaaatcccga	agcagaagcc	480
cgtattcatc	taggcattca	agatctcgta	gcaggcacag	attgtctaga	tccagaagtc	540
gtcattctag	tattttctct	agcacactaa	ctctgaagag	tagcctggca	gctgaattga	600
acaagaataa	aaaagcacga	gcagcagagg	cagcaagagc	cgcagaagca	gcgaaaagctg	660
cagaagcaac	taaggctgct	gaggctgctg	ccaaggctgc	aaaagcttca	aacacttcta	720
cacctacca	ggggaacacg	gaaactagt	ccagtgcata	acaaacaaac	catgtgaagg	780
gatgtgaagg	aaaattaaaa	ttgaacatgc	accttctccc	tcaagtgggtg	gaactttaaa	840
aatgacaaa	gcaaaaacaa	agccacctct	tcaggtaacg	aagggtgaaa	ataatttgat	900
tgtagtaaaa	gccaccaaga	aagcagtcata	agttggaaag	gagagtaaat	ctgctgctac	960
aaaggaggaa	tcagtatctc	ttaaagagaa	aaccaaacca	cttacacca	gcataggagc	1020
caaggagaag	gagcaacatg	tagcttttagt	cacctctaca	ttaccaccgt	tacctttgcc	1080
tcccatgctg	cctgaagata	aagaagctga	tagcttacga	ggaaatattt	cagtaaaagc	1140
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tgagctacca	ggaggagatg	atctttcaga	gagtcacagag	gaaaagaaaa	cagcaacaca	1260
gttacatagt	aaaaggaggc	ctaaaatatg	tgggcctcgc	tatggtgaaa	ccaaagaaaa	1320
agatattgac	tggggaaaac	gctgcgtgga	taaatttgat	atcatcgga	ttattggaga	1380
aggtacttac	ggacaagttt	acaaagccag	ggataaagac	actggagaaa	tggtagcctt	1440
aaaaaaagta	cgtctggata	atgaaaagga	aggctttcca	attacagcaa	ttcgagaaat	1500
taaaattctc	cggcagctta	cccatcagag	tattatcaat	atgaaggaaa	tagtgactga	1560
taaagaagat	gctttggatt	tcaagaagga	caaagggtgca	ttttatctgg	tgtttgaata	1620
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gaagcaatat	cgtcgaaaag	taagagaaga	atgtgttttt	attcctgcag	ctgcgctaga	2160
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tcagtgcgag	ttcctccgag	atgtggaacc	ctcaaaaatg	cctccaccag	atctcccttt	2280
atggcaagat	tgtcatgagt	tatggagtaa	aaagcgaaga	agacagaagc	agatgggcat	2340
gactgatgat	gtttccacaa	ttaaagcccc	caggaaggac	ttgtctctgg	gcttggatga	2400
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ctcaaagtgt	gcacctgtaa	aaacaggccc	tggacagcac	ttaaaccaca	gtgaattggc	2520
aattctacta	aacctactac	aatctaaaac	aagtgttaat	atggctgatt	ttgtccaagt	2580
gttgaacatt	aaggtaaaact	ctgaggactc	aacagcagct	aaataaaaata	aaccttctctg	2640
ctggaatttt	ggcaacagggt	gaaaaacaga	cagatccatc	aacaccacaa	caggagtctt	2700
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gaattctgcc	tcctgaccaa	cgacctcccg	agcctcctga	accaccacca	gtcactgagg	3060
aagatctaga	ttatcgga	gaaaaccagc	atgtaccac	caccagttct	tcattaactg	3120
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atgaccccaa	aagagaagggt	gggattgatt	atcaagcagg	agacacttac	gtgtccactt	3240
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atattcagtc	tttgataaac	tacagtactg	cttcatctca	ttctgggtgg	ccacctcagc	3420
cttctgcctt	ttctgagtca	tttccagttt	cagtagctgg	atatggagac	atttacctca	3480
atgctgggtcc	catgttggtt	agtggagaca	aggaccatag	atgtgaatat	agccatggtc	3540
ctattgcagt	cctggcaaac	agcagtgacc	cttccacggg	gccagagagt	actcatcctt	3600

tgccagcaaa	gatgcacaac	tataactatg	gtggtaactt	acaggaaaat	ccgagtggcc	3660
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tcttgcatat	cttctgaact	atgcacattt	gtgctttttt	tgtaagtttg	gaccaacttt	4140
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gggccgtatt	ataacctacc	tgggaatttt	gggaaaggac	ccttattttt	ggggggggac	4500
atattgggcc	aacctcccta	caaaaattaa	aggctttagg	gaaaatataa	aattttaaag	4560
ggtaaaaggg	gtaaaactac	ctgcatatgc	ttgcggtttg	g		4601

<210> 6812
 <211> 2200
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2201)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (185)...(2001)
 <223> similar to gi5305443 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6812						
tttcgtagcc	ggtgctgctg	caggctgagg	ctgcggcaga	ggcggcgagg	cgcgggcggt	60
gaggacggac	agtcaccgac	ttagtccagt	tccctgtgat	ctcaaaacaa	ttgttgagc	120
aggctcctgg	cagtctcaag	cagttcatct	tcttggtgta	ctggtttcct	attgtgattt	180
tatcatggaa	aatcaattgg	ctaaatcaac	tgaagaacga	acatttcagt	accaggattc	240
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gaaaccattt	gcaaatacaag	aagaatataa	gaaaactgaa	gaaatagttc	aaaaatttca	360
aagtgggatt	ggagaaaaat	tgcaccagaa	attgcttgaa	agagcaaaag	gaaaaagaaa	420
ttggctggaa	gagtgggtggc	tgaatgttgc	ctatctggat	gttcgtatac	catcacaatt	480
gaatgtcaac	tttgcggttc	ctgcagctca	ttttgaacac	tactggcctc	caaaggaagg	540
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ttttaggact	gagagtgaag	ggcgttcccc	aaaccacatt	gtagtgctgt	gtcgaggccg	780
agcttttgtc	tttgatgtaa	tacatgaagg	atgtttggtc	accccgccag	agcttctcag	840
acaactgaca	tatatccaca	agaagtgcc	tagtgaacct	gatggacctg	ggattgcagc	900

attaactagt	gaggagcgaa	ctcgatgggc	taaggcacga	gaatatctga	ttggtcttga	960
tccagagaac	ttggctttgt	tagaaaaaat	tcagagtagt	ttactggtat	attccatgga	1020
ggatagcagt	ccacatgtaa	caccagagga	ttattctgag	attattgcag	ccatccttat	1080
tggagatcca	acagtacgct	ggggtgacaa	atcctataac	ttgatttcct	tttctaattg	1140
agtatttggc	tgtaattgtg	atcatgctcc	ttttgatgca	atgattatgg	tgaacatcag	1200
ttattatgtg	gatgagaaaa	tttttcagaa	tgaaggaaga	tgggaagggtt	cagagaagggt	1260
acgagatata	ccacttccag	aagagctcat	tttcattggg	gatgagaaa	ttttaaatga	1320
catcaaccaa	gctaaagccc	agtatctcag	ggaggcatct	gatctacaga	ttgcggctta	1380
tgcttttaca	tcttttggca	aaaagctaac	caagaacaag	atgcttcacc	cggatacgtt	1440
tattcagctt	gcacttcagc	tggcctatta	cagacttcat	ggacaccctg	gttggttcta	1500
tgaacagct	atgacaagac	atttttatca	tggccgtaca	gagactatgc	gatcatgcac	1560
agttgaagca	gtgaggtggg	gccagtccat	gcaggatcct	tctgtcaatc	ttcgtgagcg	1620
gcagcaaaa	atgttacaag	cttttgcaaa	gcataataaa	atgatgaaag	attgttcagc	1680
tggaaaagga	tttgatcgtc	accttttagg	tctcttactc	atagcaaaa	aggaagggtc	1740
tctgttcca	gaactcttta	cggacccact	tttttccaaa	agcggaggag	gtggaaat	1800
tgttctctca	acaagtctgg	ttggctat	accgagcca	gggagtggta	gttcccatgg	1860
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ttcagcctgg	gaaatcctgt	cccagagact	gatgcgggaa	aagctagt	agctgact	1980
ttgtgctttt	catgatatgg	atacagctgg	atgaactctt	actcatcttt	gaggagatga	2040
attcatctat	ttaaggcact	tacccaaaac	atatccatta	aaacttgagt	gctggggagt	2100
tgagttgggt	aatatggaga	tggggaagg	aatgtttgac	ttgcttaaca	ttcctttaa	2160
caagttaaga	aaacttggtt	aatgttgga	antttggtg			2200

<210> 6813

<211> 1651

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1615)...(109)

<223> similar to gi5081380 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6813

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tgacgtacag	agagaggagt	gggttagctg	gggccccagg	gcacagcttc	accaccctgg	180
ggaggtctgg	ggagagcatc	ctgtccttca	ggacaccccc	caccagcggc	tgggaggtga	240
gcacgccatg	agtcgcccc	ggtctgggaa	gagtgggtgc	atgggtgctt	aagaggctgc	300
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ttttgctcca	cttggaatgc	cgaagccggg	ttcaagacca	gtttttgagg	gcctgaattc	420
aggctgtgct	gcaggatgtg	cacgcccttc	aggagagacca	cggcaagctc	ctgcagccca	480
tccccggaca	ggtccacgtg	agccatggcc	agcaggggac	tggagaagct	ccgctgccac	540
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<210> 6814
 <211> 1644
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1645)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1084)...(237)
 <223> similar to gi491846 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6814	
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cacacggctc	caagaaggcc cccaaggggg gacttacctt cagggggctg agccaagggg 180
gaaaggggtg	gccccagaac aggggaaggg gcaggcatgg ggggaaaagg tgctacttct 240
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gagctgcccc	tgctgtacc tcattgtcaa actccacgaa ggcatgtca tgccgcccgg 360
gtaccagacg	gacctccttg aagccaggga actgattgaa aagcatggac agcatgagct 420
cgttggtctc	ctctggcagg ttggtgagga acaagatgtg attcgggtgga ttctcagaaa 480
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caggccccctg	gacagcccc accacggggg ttgctcccc gccttgaca gcccttctt 720
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gaaggtgcct	ttcatcttgg caatgatata tgagtcggtc ttggcatact ggatacgc 840
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ctccttgaag	atgacaaagg cctggcccc catcttcagg ctccgtgata ccaggatata 960
caggatctgg	ccaaactggg agaagatggc gtacagggac ttttttagct catccttctt 1020
gatcttctca	ttgaggttgt tgatataaat agtgtggtta gggcggttct cgggaactgc 1080
catggagtga	agtggtgagg taagtcttaa aggaggaaaa acgtgacttt agccctgggt 1140

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acccgcttct	ccagcccgcg	tgcggagaga	actctcgaga	gatttactac	gacttccagg	1320
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tccgaagggc	cgtcccggag	aaaaaaccgc	gatgtgggag	ccagtataga	aaaaagggac	1440
aggtcctagg	cagcctggcc	tcgagcagca	agtttcctca	gacgggcccc	ggaaggcccc	1500
gacgccaagc	gtaccgctcg	cctgccgccg	atggtcgttt	gcaccggagg	ttaccttccg	1560
acagggccgt	agttctctca	accggcgcc	gctacttccc	tgagaccaaa	ccacaaagct	1620
ttctctcctg	gccccgccac	gaaa				1644

<210> 6815

<211> 2738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (195)...(394)

<223> similar to gi895999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6815

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accctagcga	cctcaagcca	gtcacctgga	accagcacca	gctggcccac	ctacagcaga	180
tgtgcagcga	ggctagtggg	acgccagccc	ctggcctgac	aggcaagcat	gcggcaggac	240
gcgagttggc	agggcctggc	tttgtgggca	aggccctgc	ctacccgcag	gaactctgcc	300
tggcgcagtc	cttccatctg	aagccacccc	tggaaaagcc	gaccccatcc	ccaccagtca	360
acggcatggc	agccccattg	gcctacccca	atggctacta	cttccaaccc	ctgtggaaca	420
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acctaagtgg	ggatttccaa	caggcctgct	tccgagaaca	gagcctggcc	atgctgagca	660
aggcccaccg	agcccctggc	aaccgagccc	ccgatcccac	agagagtcga	agtcttcata	720
ttcagcacc	agggtataga	taggtagccc	tgctgcctc	cacgtgcaac	acatcatata	780
tcaccctcct	aggtttagtc	ttttaagtaa	ctggatagtt	tcaaagtttc	actgtctcag	840
tgtgatcatt	cttagatgtc	taagaaaggg	aatttggtgg	gatctaagtg	gggacagaag	900
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ccaggctttt	ctctccactg	actgcctgtc	agctagtctc	tccaccttgg	ccatttccag	1020
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gggtgacgg	aatgccctag	ttgaggtagt	ataggtgctc	aggcccctaa	tccagacctc	1140
tacctgttgc	tacccccctt	ccccctcctc	caggactaag	aagcaagatt	tcccaggtgc	1200
tctgaaagct	aattacttac	tcatcgaagg	atctcaaatc	aaagctgacc	cagtcttcat	1260
atccttcaag	ttcctttcca	ttcctcaagg	ctttgttttg	tgtctatatt	gatcccacag	1320
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tcttgagata	tggggggaaa	aagtctttgt	attggcatct	tggttccaga	ctcccccttc	1440
caaacctaga	aaaatacagt	gacctttgag	catacccaag	atccctttct	cactgttgcc	1500
tgtcccctaa	ctcacctccc	cacagccctc	atcctttccc	cctcaacaaa	aacaaaatct	1560
accttacttg	aggaattagg	taggtaagga	atgatcacat	tggagtttgg	gattaaaaac	1620
accaaaaaaa	aaaaaaatgc	atttggttct	ctctacactg	gctaagaata	ttgctctaca	1680

ctgtaagttt	taaacgttac	gtttctgtat	gaatgtagtg	tgggtttgag	tagcattgtg	1740
tgtgagtggc	cccacaggta	cattcaccct	ctagtgcagc	ccctcagttt	aatgaaggaa	1800
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gctagaaaca	cttttctgta	attttaaact	tagactgttt	tgttacaaat	ttttgcacca	2040
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tttctcttg	tctctgggga	atgtcagctg	atggttctta	tttaaggttt	tgcattttgt	2160
tcactatcca	ctactgttcg	ttagccagaa	attctctagt	gatctgaagc	aatgtgactg	2220
aagaccagtt	ttaagttatg	tgttggaag	ttgccttata	tttaaaagga	aaaagaaaaa	2280
aaaaaaagcc	tgatttgtgt	atgccaaatg	atagcaacat	gaagtcctaa	tttattgttc	2340
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ttaagtcaaa	caacctcaaa	cccatctctt	cctgtgtagg	ggtgcaagcc	tctgaagctc	2700
tcactccac	ccttagtctg	catggaaaat	gactggga			2738

<210> 6816
 <211> 5669
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (5429)...(1873)
 <223> similar to gi4240147 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6816						
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accatgtaac	caaatactta	aatatatcca	caacatctat	accacagaaa	tgcatagtac	180
ataatatact	aacatctcaa	aataaaacttc	tattacagtt	ttatgcaa	tatggtaaaa	240
gattatcacc	tgccacattt	tgaaatggca	ccaacttcaa	catcaatgca	ctagtcaaaa	300
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tctaataacc	acagtatgtt	atcattttaa	atcactgtat	atttggtatg	taaagcaggt	420
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cttctcaagg	tattcaccta	ttctatgacc	agcttgcccta	ctaatagcag	caatacattg	4860
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<210> 6817

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (245)...(1499)

<223> similar to gi559441 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6817

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```

<210> 6818

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (469)...(148)

<223> similar to gi871345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6818

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cctgtgggtg ggggtggggc tggaaacctat gaacattctg cagggggccac tgacttctcc 180
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gtcttctcca cgctctgggt gatgagggtta ccatctgcct tccaggtcac catcaagatt 360
cccggataaa gttattcatg agacacacca gtgtggcctt gttggcttgg ggctcctcac 420

```

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<210> 6819

<211> 2407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (195)...(1490)

<223> similar to gi4559322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6819

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<210> 6820
 <211> 5325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (186)...(1820)
 <223> similar to gi3021409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6820	
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ccatttttat	gaccggatgc tgggaagcct gctgggtccac aggtccatac atgaagtcac 180
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<210> 6821

<211> 2895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (98)...(2643)

<223> similar to gi3282619 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6821

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ccacatgttc	ctcctgatcg	aggaccaagg	tgccagggc	tatgagctgt	tcttcaagac	1560
aagagaattg	aagaagaagt	ggatggagca	gtttgagatg	gccatctcca	acatctatcc	1620
ggagaatgcc	accgccaacg	ggcatgactt	ccagatgttc	tcctttgagg	agaccacatc	1680
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gcaagatttc	ccaggaacta	tgaagaagga	caaactacat	cgcagggtc	aggacaaaaa	1860

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acccctgga	gccattggac	cctttctacg	gctcaaccct	ggagacattg	tggagctcac	1980
gaaggctgag	gctgaacaga	actggtggga	gggcagaaat	acatctacta	atgaaattgg	2040
ctggtttcct	tgtaacaggg	tgaagcccta	tgtccatggc	cctcctcagg	acctgtctgt	2100
tcatctctgg	tacgcaggcc	ccatggagcg	ggcaggggca	gagagcatcc	tggccaaccg	2160
ctcggacggg	actttcttgg	tgcggcagag	ggtgaaggat	gcagcagaat	ttgcatcag	2220
cattaaatat	aacgtcgagg	tcaagcacat	taaaatcatg	acagcagaag	gactgtaccg	2280
gatcacagag	aaaaaggett	tccgggggct	tacggagctg	gtggagtttt	accagcagaa	2340
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gaggccagcg	tccagctggc	ggtgctcccc	ggatgtgccc	tgacatgggt	aatttataac	2820
accccgattt	cctcttgggt	cccctcaagc	agacggggct	caagggggtt	acatttaata	2880
aaaggatgaa	gatgg					2895

<210> 6822
 <211> 2419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2420)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2344)...(371)
 <223> similar to gi31280 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	6822					
tttttttttt	ttaaaaacat	ttgggatttt	tttttaaaaa	aaaaaaaaac	atcacaacca	60
tgaacattgt	tacagttaag	aggccctctt	ggttctccac	aatgatactg	agcatgctca	120
caaggggttc	ccattgttaa	agtcttaaac	aaccattttt	aaaagaagga	agaaaaaaaa	180
actocgcaca	ctaccattta	acttgtttta	atgtttcttc	acaaatgggtg	aaaaatacta	240
aagtacagac	aaggaataat	cataatgttg	tggccaacat	tataaatatg	gaattataaa	300
tttaaaacat	tttctggttt	aaaaaataaa	tctggtagtc	aatgcagctc	tgcggggtct	360
ctgcatctag	tagggccgat	ctctgcgctc	ctgacgggtg	tcgcctttat	ccatttttcc	420
aggctctcca	cgtcctcttc	ttcttctctc	catctgttcc	atcaaaggctc	cagggggccc	480
cccagggcca	cctcgtcttc	ctccaccaaa	gccacctcgg	tccatgcccc	ggccaccacg	540
gaagccacct	ctgtctccac	cacggccacc	tctgaacatt	ccaccgggac	caccacgatc	600
catgaggcca	cctcttcttc	cccgcattgc	accagggcca	cctctgccac	gatcaccacc	660
cgggggcgga	aaggggtggc	ggaggaagcc	ttcaggcttt	ggggccttac	actggttgca	720
ctctgttctc	caggcgaagt	tctggtttcc	acaaccggga	ttgggacact	gccagtctcc	780
agctcgggtg	tggacgtttc	ctcctccaga	ggggttccct	cgggaacccc	ggggctctct	840

tggaggggaag	cctcctctat	ctcctccacg	gcctcccatg	cgaccccatg	gtcccccagg	900
acctcctggg	cctcctggac	ctccacggag	tggtggtggc	atgcctctgc	cctcacgggg	960
tggcagacca	ccccgcatac	tggtcattgg	aggcttcttc	cgagcaagg	agactttaag	1020
tttgctccct	tgaaaatctt	tcccatcaaa	ccattccacg	gcagccttgg	cagtgggtgg	1080
gtcttcatag	gacactgtgg	catcgctttt	gggctttcct	gtttccttgt	ccaggtagat	1140
gtggatcatg	ggttgcccag	ttctcttggt	catcttaaca	acccacact	gcttaaagaa	1200
gtctgccaga	tcatctagag	tcacactgtc	atttaatcct	tgtacataaa	ttgcaactgt	1260
gtcagagtct	tcatctggat	ctacaggtgg	gcctagatca	agatctggtc	cttcatccat	1320
gggtccacca	ggcttattga	agccacctcg	ctctccagcg	ctgcccattc	caccgcgtcc	1380
tcctccccgc	ccacctctgc	tcatgcctcc	acgatcaaat	ccccctcttc	ccctgccccg	1440
gttatcaggg	ccactcatgc	tccggttctc	tcctggtccg	gaaaatcctc	cagactcctg	1500
cccataaaca	ccccatgcct	actggggtgg	tcctgtcgga	atgaactctg	ctgcccgtag	1560
ctgctgctct	gttggctata	ttgacttggg	gcttggctgt	aggatccagt	ttggggtggg	1620
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gggtagctcc	caggtagctg	gggataactg	tagttactct	gtccatatcc	taggctgggc	1860
tggttgtaac	ccccgtgct	agattgaggt	tgactagtct	cagtgggctt	gtttccatcc	1920
tgcggtcttg	taggtgcagt	ggctgctggc	tgctgcccac	aggctggata	agcaggctga	1980
gtgccatatg	cagactgagc	tgcataggag	gcctgggtgg	tggtgactgt	agcagtgggtg	2040
gtatcataag	caccagtgcc	ataccccctg	acaggctggc	tgtatgcctg	gggggcagtt	2100
ggagtagtat	aaccagtggg	aggctgtcca	taagaagttg	cataggcggt	ctgcccatag	2160
gttgcaagtgg	tctgagcctg	ggtatagctg	acatcagtgg	gctgtccata	ggttccatag	2220
ctttgttgcc	catatgcctg	ggtggtctgt	gcataatcct	gagtgggctg	ggcggtgtaa	2280
gcactgtagc	cctgctgcgc	tgcaagcttg	ctataggtac	tgtaatccgt	ggacgccatt	2340
ttctctcctt	cctcctcggt	ctctcaacgt	ccgcggacgg	gtgggtcgac	tnnnnttna	2400
nnngtcnnntg	cgcagcctc					2419

<210> 6823
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (373)...(0)
 <223> similar to gil5063 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6823	
accacgctgc	aggcttgata
ggtaattctt	attccttcgc
attccagtgc	aactcacaca
cagagcatgt	tgccgagca
tcggtattca	gagctcgacc
gtcatatcat	ctgaataaat
tggaggccat	ccttccctgac
tgcatttaag	tcgcttgaaa
agcattttaat	acagagccgt
aatctgggtga	agtttttcct
tatcgatatc	
catttccatc	
ttgctataag	
ggtttattgag	
ctgtcattac	
	60
	120
	180
	240
	300

gtcatggtcg	atttcaattt	ctattgatgc	tttccagtcg	taatcaatga	tgtatTTTTT	360
gatgtttgac	atctgttcat	atcctcacag	ataaaaaatc	gccctcacac	tggagggcaa	420
agaagatttc	caataatcag	aacaagtcgg	ctcctgttta	gttacgagcg	acattgctcc	480
gtgtattcac	tcgttggaat	gaatacacag	tcagtggtt	attctgttat	ttatgccaaa	540
aataaaggcc	actatcaggc	agctttgttg	ttctgtttac	caagttctct	ggcaatcatt	600
gccgtcgttc	gtattgccc	tttatcgaca	tatttcccat	cttccattac	aggaaacatt	660
tcttcaggct	taaccatgca	ttccgattgc	agcttgcatc	cattgcatcg	cttgaattgg	720
ccacaccatt	attattttcn	natggtngtt	gtcatatgcn	gtcagttctca	t	771

<210> 6824

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (144)...(653)

<223> similar to gil789677 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6824

gcaatattcc	cgggctgcga	aaatgcgtac	cagcaaatgg	aagaattact	ctttgaagtg	60
aatgaaggta	tgctgcatta	atcatttctt	taattcagca	taagttgta	tggcgaaatc	120
agcactgttc	acggtgcgta	ataatgagtc	ctgcccgaag	tgcggggctg	aactggttat	180
tcgatccggg	aaacacggtc	cgtttcttgg	atgctcacag	tatccggcgt	gtgactacgt	240
ccgtcctctg	aaatcttcag	cggatggaca	tatcgtcaaa	gttctggagg	ggcagggttg	300
ccctgcatgt	ggcgcaaatc	tggattacg	ccagggacgc	tttggtatgt	ttattggttg	360
cattaactac	cctgaatgcg	aacataccga	acttatcgat	aaaccggacg	aaacagcaat	420
tacatgcccc	caatgtcgga	cgggccatct	ggtccagcgc	cgctcccgtt	atggcaaaac	480
atttcactct	tgtgatcgct	accggagtg	tcaatttgcc	attaacttca	aaccatagc	540
tggagaatgc	cctgagtgtc	attatccgct	actcatcgaa	aagaaaaccg	cgcagggtgt	600
aaaacacttt	tgtgccagta	aacaatgtgg	aaagccggtt	tcggcggaat	aataacgtga	660
ataataacct	gcaaagagac	gctatcgag	ctgcgatcca	tgttctca		708

<210> 6825

<211> 1554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1211)...(674)

<223> similar to gi3319282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6825

tttttttttt	ttctttaatt	gatttttattt	ttttacataa	aaagttcagt	aaaaattgga	60
taaagtaaag	tgatttttaag	cagtaaataca	atcttatcaa	catagcacia	ggctggccaa	120
aaccacaagg	cagcctgctt	tggaatatatt	acatgataac	aaattaaacc	ttgcaggaga	180
acttaaaactg	tccttacaaa	gtcttcctgt	gacctagca	tgtagaggct	aaaagcaaaa	240
cgaaaaccaa	acaaaaacca	ggaaaaaaca	aattattttc	aatatatcca	catatacatt	300
aaaatataat	acagatcatc	agggtaaagg	gttgtgggtg	gggatgcgca	tgggtctgtg	360
cgctgacagc	accgccaagg	agaagaccca	ggtttaagag	tgagtcagg	tctggccagg	420
gtctttttta	agcccttgca	cctctgatgg	cttctaacca	catgccaaca	gctcacaact	480
aggtaaatcac	ttgtagatgg	agttcatttt	tgtggccttc	agttgacatc	tgcagggttg	540
aattccccag	ggtagatgat	catcagtagc	acagtgtga	caggggtgga	acagaaaggc	600
ccacaggatt	tcctctccct	agagtctgtc	ttacctgacc	acccatcctc	ccagcctggc	660
ccaacagtca	ctctaaattc	agtgtcctct	ttgggtttgt	aaacagcccc	aaacttctgc	720
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ctcaggattc	ttacagtact	tcagctcctt	attcataaca	ccgtgagtca	gcttgcgagc	840
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aagggttcag	gcactggacg	atgaactggg	acatctcttt	tctgaatact	tctttgcttt	960
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gcatcatctc	ctgggctttc	ccaagtagga	ggatccact	gagtctgcct	tgtgatcaca	1140
tggtagtaat	aaatcttccc	ttctggatct	cgagctgtct	tccagttggg	aggtaagaca	1200
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gtcacaccat	agaactgttg	gacatgtcct	gtcccttgat	aatatatggt	tgccttgaaa	1500
ctgtgcagga	gagtactggc	tgctgtacca	ctgacagact	gttggtttga	atcc	1554

<210> 6826

<211> 1738

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1328)...(843)

<223> similar to gi5712203 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6826

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caagtgatta	aaaaacttct	tggcagcagg	atgacaaaac	aggtctgtaa	acatgatttc	120
atccccccat	cccttcttcc	aaggagcttc	ctatgacagg	aaatcgaatt	ctagttggca	180
aatccagtga	tgaggtctgt	agaaaagggg	tcccgtgtca	cagccaggaa	ggcagactcg	240
tccctttaac	ccactccagc	caggggtgct	ggccaggatg	tgctgttctg	tcatgacgtg	300
gtcactgagt	ctgggttcgtt	ggcagccctc	tccccaggag	gagggagact	ctttggcagt	360
gcggcagccc	tcccgggggc	acgggcttct	cagcagcaga	cacaggcagg	cgaaaagcag	420
gcagctgagc	ctctccagcg	agcatggtat	tgctagggtt	gcaggtgccc	tggcaggtgg	480

ccaggtgagg	ggctgaggca	caagtgcctat	caggaacttg	gctgccccac	aggggctgag	540
gacaccacaga	tggtccacgc	cagtggcctt	gaaatttccc	ctgcagaagc	cagaccgtgg	600
ggaaacaagc	tttcgcgacg	tgccaccccg	ggcagcttga	ggcttcagtc	cttgaagggg	660
ttgtggggcg	cccctggctg	ctccttctct	gcggccagag	gctccccatt	catctcctgc	720
agcgggtggt	atgcatagtc	cccatgcagg	cgccggttcc	tctctgctct	ggacaggagc	780
aaggacaggt	ttgctgcagt	gctgatcagc	aggaggaaag	ccagcgccag	ggtgagggct	840
agccaggcgg	tcctggtgaa	aaaggagagt	tctcccgccc	tcagggtggc	ttcagggtggc	900
tggagacact	gctttactct	ggagacgctg	cagttgccag	tcttgggggtc	acagggacaa	960
tggtgctcac	acttacaagg	cctctggcag	cccggcccat	gccagccaag	gggacactct	1020
tactgcagt	tggacccggt	ccatccggca	tcacagcggc	agccggtctc	cgtgcacagt	1080
ccgtgctggc	tgcagttaga	ggggccacag	tccagctcat	cacagccggg	accccgccag	1140
aagtgcccg	tgcattggca	gtgcccgtcc	acgcaggtcc	cgtggccgtg	gcagtcaggc	1200
ggctggcagc	ggggttcgtg	cacacacacc	acggtggaca	cttggcgggg	acagcgccac	1260
atgttgtcct	ggcagtgatc	tgacgggtaa	ctggccaagg	tcccgttgag	cacaaaggtg	1320
gcagagccac	ccccatccag	gttgatggcg	ttgaccacgt	cctgtttcag	caggaactcc	1380
gccatttccc	acaggttgat	gctgcggcac	aaagcggcgc	tgctcaggct	cagcgcccac	1440
catcatttct	catttaactc	cttttcttct	cacagtgcag	agcatcacgc	ccacagtgc	1500
ggcacatttt	taagtggccc	ccgcccccaa	gcatgtctca	tcctagcccc	cggaagctgt	1560
gaacacgtga	gatcacaccc	atgcctgtgc	tgttacatgg	cataggaatc	cttaagggag	1620
gggaaacggc	ccggaggatc	tgggtgcagc	cactggaatc	acaggagtgt	tcaacacaga	1680
gagccttctc	tggtctctcg	tgccaagctt	aacgtgttca	cagtcaaggt	gtttctat	1738

<210> 6827

<211> 3500

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3241)...(1260)

<223> similar to gil80616 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6827

taattattgt	tttctttttt	ttttcaacta	ataatggcct	tttttattta	tgtggttgga	60
aaggttaaaa	taggtgacac	gtgaaaagt	ccttgcacat	agaaagcact	ctattaattg	120
agggggatat	tattgttact	gttcattggt	agtagtagca	ttaaaactga	tatgattgct	180
aatgaagaaa	cagacttaaa	gaggaagcaa	acctcgaaca	gatgccacaa	taaagcaaca	240
aaattgctga	ttcttcaggg	ctctttctac	aggacagagg	gactagagct	tactctccct	300
gaggttctct	tgctgtttac	tttggaaagt	ctgacctttc	cagcagacac	catcacctgt	360
gccctgcagg	gagcagagat	toggactttt	taagtttccg	cttctggctg	ggtctgtggc	420
ccttgtctag	gctctgctaa	aacagatggc	aaacacggcc	actcagtagg	tgtctttatt	480
catacttggt	gacatttccc	atggggaatg	gttgaggaga	ggggcaggga	gggctgagcg	540
ggaagccacg	gcttggtttt	cctccatcca	gtggagaaga	gactcggtag	ggacatgcta	600
agtagagtga	acaggggaac	catcactatg	tgggctgaga	tgactgtgct	agtgacttca	660
gacaacctga	gtccttctgt	caggaaatgc	aattttctaag	tggaaaaaaa	aaacaagacc	720
caaagaaaaa	aacaaagtgc	atacaaagca	aactgcta	gttaagaaagg	ttctaaggca	780
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ctgtgccagg	ctgtcggggc	accagtgcc	tcttgagaca	gtctccattg	gtccaaggg	900
ttctgtgagc	cacagaaggt	tgtgaaagga	gaagagcctg	aagtgtggca	gcaccagggc	960

agcccaaagc	agggctgcgt	tgaaaatata	aaagtatctc	tttaggggtg	gctctgaggg	1020
ttgggtgggat	tggaggggga	aggggcgcct	gggaggagta	cagtcagcat	ctattcttgg	1080
gcaccgggag	gagccactct	ctggaatctt	aaattaccag	gtaggagtga	gaatgctgat	1140
tagctgtaga	gctgaaggca	cggctgccag	gcccctccgg	gtccttctct	agttctccag	1200
gcccggtgta	tccaaggcag	tggagaggaa	gggcctgtgg	gagccagggc	cagctcagca	1260
gcctagccag	tccgatttga	tgcttccaaa	cttcacgctc	ttcagacttt	ggttctccag	1320
cttcaggtaa	taggcaccct	tgaagaagta	gctgtgaccg	ccgccctgca	ggtccacgac	1380
ggcatccagg	ttatcgggga	tggcattcca	ggcatctgcg	atgagcttgg	ggaagccagg	1440
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<210> 6828

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (185)...(1910)

<223> similar to gi3184391 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6828

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tccgctttct ccctcgccca cagctgccgg atagtgtgta agaggagggg gcggttcccca 180
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gctttcttta aaaaggaaaa aaatgcgtat atttctat 2018

<210> 6829

<211> 2510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(2314)

<223> similar to gil079787 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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cgaagggaagc	cgtctgcctt	cggttatgat	tttaggaaca	agtccaacga	gggtgttcaa	2340
gcagttaatg	gttgtgctaa	ctcttgtttc	tactgaagcg	ggttttgcaa	agctgacatc	2400
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caggtgggtgt	cctcggccag	gactaagagc	cagctcatct	ttgtaacatt	cataatacgg	2520
gaaactgagg	accagggtggc	tcggaaaaga	gatgagttcc	aagcttttac	ctaacacagg	2580
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tttgataga	ggtgtttctg	attctaagtg	agtctgagaa	ctggaaaaga	ccaaggaggg	2700
gttgatgatt	tacnagggtcc	atagaaaaac	tttttgtgtg	gtcgggaagt	ggccaagcag	2760
aggccacag	cctgatgcta	ctgccccac	ccccccaaag	a		2801

<210> 6419

<211> 896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (821)...(361)

<223> similar to gi695581 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6419

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tctctataga	taggcttgag	acaagtgtaa	acaaactcat	gatctcagag	aaatcttcaa	180
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aacgaatggt	attttcacaa	catccaaatc	ttccttcctc	agggaagaaa	tgacatttaa	300
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aattcggtag	tgggtgttgg	agaatggaat	cgacatcttc	ttggtaagaa	ctgcctatgg	840
aacctccttt	ctctccgagc	tgggtcccgc	ggttccgggc	tcgtgccgct	cgtgca	896

<210> 6420

<211> 1986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1558)...(708)

<223> similar to gi3875443 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6420

taataataaa aaataacttt ttaaattgggc aaaggctctg aatagacatt tctccaaaaa 60
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aatacaagtc aaaattgcaa tggatataca ttaatatacc atttaacatt cccaatagta 180
gcctacaact tccatttcca ctgtggaaaa cggtttgaa gttcctcacg gtagtcaagt 240
tacttaactg ctctgtaaaa tgaagttaac cacattcact ttggatgaat gagttcatat 300
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ccttgggccg cagcggaatt cctgaggccc gagtccacgc agcagcgag gccggggtga 1980
gggact 1986

<210> 6421

<211> 4038

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4039)

<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3798)...(711)
 <223> similar to gil841430 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6421

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tttcatttta	taagcacttg	gttttattgc	acagaagcaa	ttgaaagtga	actccagtgg	180
aaagtgcgcc	ctggcataat	tcagtggcca	gtccccggcc	ccacctggac	cgctcttcca	240
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atagtcaagt	gtttacgtgt	ggcattcggc	atgtatcaca	ttcagctaca	taagctatca	480
taattgtcca	tcgcctgggg	agggcatggg	ggcagggggc	tgggagtgcc	ctctcttgct	540
aacatattgc	taacagaaat	tctgttttga	agaaggaggc	cccgtcatct	aagcagtttc	600
ttcttacata	aagacagaaa	aagtgaanaa	tgtgttactc	tgatccttga	gctccggggc	660
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<210> 6422

<211> 5451

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (814)...(2365)

<223> similar to gi2887423 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6422

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<210> 6423

<211> 3501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(3359)

<223> similar to gi3882281 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6423

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<210> 6424

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (292)...(1098)

<223> similar to gi2276368 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6424

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<210> 6425

<211> 2122

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2123)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1797)...(594)

<223> similar to gi4680671 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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aatgtggaag attccctgtt tcttgggggt ctgggggtcct tgagtcagtc ctcttccagg 1860
agtaagctgc cctttgccc aaggcacaag ccgcagtgct gccgcctca ttgcgctagg 1920
ctgccgtgcg cgcgatggag aaccgggccc cgcgcgctag tcggcggagg gaaactgagg 1980
cgataaaaga cgcacgagta ccagaccgcg cccttgctga ggacagccc ggagccggac 2040
agcggcccgg ctcgagcggc cgctcgagcc gggaattcca ccgcnctcct ataatggtct 2100
tctatggggg gggggggggg cg 2122
```

<210> 6426
<211> 2036
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2037)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (94)...(854)
<223> similar to gi4104961 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 6426
ttcgtggcgc gcctgaagga gcaggaaggg gaaggaggcc tgggaccccg aaaagagaag 60
gggagagcga ggggacgaga gcggaggagg aagatgcaac tgactcgctg ctgcttcgtg 120
```

```

ttcctggtgc agggtagcct ctatctggtc atctgtggcc aggatgatgg tctccccggc 180
tcagaggacc ctgagcgtga tgaccacgag ggccagcccc ggccccgggt gcctcggaag 240
cggggccaca tctcacctaa gtcccccccc atggccaatt ccactctcct agggctgctg 300
gccccgcctg gggaggcttg gggcattctt gggcagcccc ccaaccgccc gaaccacagc 360
ccccaccctt cagccaaggt gaagaaaatc tttggctggg gcgacttcta ctccaacatc 420
aagacggtgg ccctgaacct gctcgtcaca gggaagattg tggaccatgg caatgggacc 480
ttcagcgtcc acttccaaca caatgccaca ggccaggga acatctccat cagcctcggtg 540
ccccccagta aagctgtaga gttccaccag gaacagcaga tcttcatcga agccaaggcc 600
tccaaaatct tcaactgccc ggatggagtg ggagaaggta gaaccggggc cgccggacct 660
cgcttttcac ccacgaccca gccaaatct gctcccga caacgctcag agctcagcca 720
cctggagctg ctcccagccc ttcaaagtgc tctgtgtcta catcgcttc tacagcacgg 780
actatcggct ggtccagaag gtgtgcccag attacaacta ccatagtgat accccctact 840
acccatctgg gtgacccggg gcaggccaca gaggccaggc cagggtgga aggacaggcc 900
tgcccatgca ggagaccatc tggacaccgg gcagggaagg ggttgggcct caggcaggga 960
ggggggtgga gacgaggaga tgccaagtgg ggccagggcc aagtctcaag tggcagagaa 1020
agggtcccaa gtgctggtcc caacctgaag ctgtggagtg actagatcac aggagcactg 1080
gaggaggagt gggctctctg tgcagcctca cagggtttg ccacggagcc acagagagat 1140
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ggaagctaag cccttggttc ttgccatcct gaggaaagat agcaacaggg agggggagat 1260
ttcatcagtg tggacagcct gtcaacttag gatggatggc tgagagggct tcttaggagc 1320
cagtcagcag ggtgggggtg ggccagagga gctctccagc cctgcctagt gggcgccctc 1380
agccccctgt cgtgtgctga gcatggcatg aggtgaagt ggcaaccctg gggctcttga 1440
tgtcttgaca gattgacct ctgtctccag ccaggccacc cctttccaaa attccctctt 1500
ctgccaahta ctcccccttt accaccccat tgctgatggc acacccatcc ttaagcttaa 1560
gacaggacga ttgtggtcct tccccaacac taaagccaca agcccatccg cgtgcttgtg 1620
tgtcccttct ttccacccca acccctgctt ggctccttct gggagcatcc atgtcccgga 1680
gaggggtccc tcaacagtca gctcacctg tcagaccggg gttctcccgg atctggatgg 1740
agccgcccct tcagcagcgg gcacgggtgg ggcggggccg ggccgcagag catgtgctgg 1800
atctgttctg tgtgtctgtc tgtgggtggg gggaggggga ggaagtcttg tgaaaccgct 1860
gattgtcgac ttttgtgtga agaatcgtgt tcttggagca ggaaataaag cttgccccgg 1920
ggcactggag tcagagttgt ccaaggaaag ggcctcaggc atcccttggg ncaggagaa 1980
tttctctgat ggccgcagac attttgcttg agacccaaagt ggcagggatc caaccg 2036

```

<210> 6427

<211> 1689

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (139)...(918)

<223> similar to gil354475 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6427

```

caccgccttc cgtcagcctc actggggctt ccttccgtct cgctcggagt ttccctctgc 60
gttcgctccg cgctgctgga ggctgtcgtc ccaatgctcc ccaaaccggc gcgagcgcg 120
gtcgggtccc ctacggcgga tgccgcttcc tccacgcgcg cctcgacgcg cttcccggga 180
gtcgccatct acctggtcga gcctcgcatg ggtcgagcc gccgggcctt cctcacaggc 240
ctggcgcgct ccaaaggctt ccgcgtcctt gacgcctgca gctccgaagc gacacatggt 300

```

```

gtgatggaag agacctcagc agaggaggcc gtcagctggc aggagcgag gatggcagct 360
gctcccccg gttgcacccc cccagctctg ctggacataa gctggttaac agagagcctg 420
ggagctgggc agcctgtacc tgtggagtgc cggcaccgcc tggaggtggc tgggccaagc 480
aaggggcctc tgagcccagc atggatgcct gcctatgcct gccagcgccc tacgcccctc 540
acacaccaca aactggcct ctccgaggct ctggagatac tggccgaggc agcaggcttt 600
gaaggcagtg agggccgcct cctcaccttc tgcagagcag cctcgggtgt caaggccctt 660
cccagccctg tcacaaccct gagccagctg caggggcttc cccacttttg agaactcc 720
tctaggggtg tccaggagct gctggagcat ggagtgtgtg aggaggtgga gagagtctcg 780
cgctcagaga gctcttcacc cagatcttcg gggtcgggtg gaagactgct gaccggtggt 840
accgggaagg actgcgaacc ttagatgacc tccgagagca gccccagaaa ctaaccaaac 900
agcagaaaagc ggggtgagccc tccagagagg ctgggccctg ggcttcccta aactgcaccc 960
tggatccctc agcatcaact ccctagaggg aagggagcag tctggtgcag agggtttggg 1020
ggcagctttg tgtggtgggc ttcttgggtg ctccaccag tgcagtcagg atctatcaaa 1080
gccttttctc agtggacgat gctgaccaca gcaacttcca tgatatgcca ggggcttggt 1140
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cccagtgtgg tgcttggtac atggaggcct gcagagggtg cactgagcag cagaaagaac 1260
atcagctttc aagtttggtt ggcttgggtt tgagtcttat ctaccatttg ccaggtaggt 1320
gaccattgcc caagaaataa cctctctgag tctgttacat tttctgtaaa atggagaagg 1380
aaggctgggc atggtgactc acacctgtaa tcccagcact ttgggagggtc aagggtgggt 1440
gatcgcttga gctcagcagt tcaagaccag tctgggcaac agggtgaaac cctgtctcta 1500
cgagaaatac aagagttagc caggcgtgat ggtggatgcc cgtagtacca ggctactcat 1560
gaggccgagg tacaaggatc gctcgagccc gggagggtcaa gccttgaggc caagggtgaa 1620
gttgcaatga gctgagattg agccactgca ctccagcctg agtgacagag caagacccta 1680
tctcaaaaa 1689

```

```

<210> 6428
<211> 4327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(3651)
<223> similar to gi3882241 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6428
ccagcaggac ttcgagtctc tggcagacct gacggaccac cgggcccacc gctgtcctgg 60
agatggtgat gacgacccac aactctcctg ggtggcctcg tctccctcca gcaaggatgt 120
tgcgtcaccc acgcagatga tcggagatgg ttgtgacctc ggcctcggcg aggaggaagg 180
gggcacgggc ctgccatacc cttgccagtt ctgcgacaag tccttcatcc gcttgagcta 240
cttgaagagg cacgagcaga tccacagcga caagctgccg ttcaagtgca cctactgcag 300
ccgcctcttc aagcacaaga ggagccgtga ccggcacatc aagctgcata cgggcgacaa 360
gaagtatcac tgccacgagt gcgaggcagc cttctcccgc agcgaccacc tcaagatcca 420
cctgaagacc cacagctcca gcaagccctt caagtgcact gtgtgcaagc gcggcttctc 480
ctccaccagc tcgctgcaga gccacatgca ggcccacaaa aagaacaagg agcatctggc 540
caagtcggag aaggaagcca agaaggacga cttcatgtgc gactactgcg aggacacctt 600
cagccagacg gaggagctgg agaagcacgt gctcaccgcg caccgcagc tgtccgagaa 660
ggcggacctg cagtgcattc actgccctga ggtcttcgtc gacgagaaca cactgctcgc 720
ccatatccac caagcccacg ccaaccagaa acacaagtgc cccatgtgcc ctgagacagt 780

```

tctcctcagt	ggtaaggtgt	ctactgccac	ctggacagcc	accggcagcc	cgactccagc	840
aaccacagt	tcagtcctga	ccctgtactg	ggcagcgtgg	cctccatgag	cagcgccaca	900
cccagactcca	gcgcctctgt	ggagcgtggc	tccaccccg	actccacctt	gaagccgctg	960
cgggggcaga	agaagatgcg	ggatgacggg	cagggctgga	ccaaggtggt	ctatagctgc	1020
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atccacgcgg	acaagcccca	gcagagccac	acatgtcaga	tctgcctgga	ctccatgccc	1140
accctctaca	acctcaacga	gcacgttccg	aagctgcaca	agaaccatgc	ctaccctgtg	1200
atgcagtttg	gcaacatctc	tgccttccac	tgcaactact	gccccgagat	gttcgcccgc	1260
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gacggttaata	atgctttctt	ctgcaaccag	tgctccatgg	gtttccttac	tgagtcctcc	1380
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ttccactggc	ccacagcaag	aagtccaagg	ccgagcagag	cccagtctcg	tccgatgtgg	1620
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agtatccttg	caatcaatgc	gacctcaagt	tctccaactt	tgagagcttc	cagacccacc	1740
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cagtcacaag	tggcaacgtt	gttcacggac	tttcttctcg	gagaacgggc	tacgggagca	2640
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cccgcggcag	cccgcggacc	ggccctgtgc	cggcctccgt	tgccccgagt	gcagtgtcaa	3180
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caaccacatg	attgaggaag	gcatcaacca	cgagtgtgaa	ctgtgcaacc	agatgttcga	3420
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agactacatt	tctagagtta	gagaaacctg	ctttttaagg	ctattgtcct	ttgttccttc	3960
atgtattata	ttgatagttt	ttaaaaaaga	attagtgtga	tttttttct	ttgttccttc	4020
tttctctttc	ttgtttttct	tccccccac	ccccccacc	ccttcgggta	actacttttt	4080
aattgcaatt	ctaggttaatt	gtgcatcggt	atgtgattgc	ttggctattg	tctgaatatt	4140
tcctttta	tttttaatta	aagactaatg	ctttgattgg	atttgccagt	tcaccggaca	4200

```

gtgattaaaa ctatgtaatg aatataatcg gtttcagtgc aactggatgg tctgctttta 4260
aatgtgactt aatctgactg cagtaactag tacagttcaa taaagggaa ccatgcgaaa 4320
aaaaaaa 4327

```

```

<210> 6429
<211> 2143
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1975)...(202)
<223> similar to gi791004 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6429
gcaggctaatt ttttttttta tttttgtttt gtagagctag agtttcatca tgttgcccag 60
gttggttttg atcacgggag tgatcctcct gtggtggcct cctaaagtgc tgggatgaca 120
accaccatgg ccagctggtt tgtttcaatt tgagtgacaa aatttaggaa tcggggctcc 180
agcttttcac tgcagacatt tattgtgggt catcttcctt aaggcaccag cagaggggga 240
acggggccaca gcagggtctgc agccacgggc tccagatatt gccagcctg tccagctgca 300
gaggaactgg gctgagtgtc cgtggtggtt cccacaccgc ctgctggact tcgttccatc 360
acctgataga aaacgggctc tgaggctggt gtgaggatgt gggctctcaga agggctctct 420
gagaggtcaa agagcaaagg tggatcgtgg tggactactt tttcccaaaa gcacgggcag 480
acctttcttc catagcaggc accggctccc tctggctgga acacaggcgt cacaagtgg 540
actttccaca ttgttctctt gtcccgttga tgccacctgg ctgctgagc aaacctctca 600
caataatgca tcaggaactc gtggtctgag tgttgggctg tcccaggag caagggcaga 660
aggtcttggc cgtcaatcac tctgtcctgg ggcacctcgc tgcccgcag cgggaccacg 720
gtggggaaca cgtccatcag actcgtgggc tcgccaatca ctgggccggc cgggagcacc 780
ccggggccagc ggaagatccc gggcacgcgg atcccacctt cccatcctcc catgcccttc 840
ccacctttat aaattccatt ccagccacca tactgggtgt ttccaagttg attctctagg 900
gaaccgccgt gatccgacgt aaaataaatg aggggtgctgt tgctcaaacc ctccacgtcc 960
aaagtgtcaa ggatccgtcc taccatccag tccatctcct ttacgttgtc ccatacagc 1020
ccgtggagac tcttcccagag gaagttctcc atagtgataa gagggatgtg aacgtgtaga 1080
aaggaaacaa agaggaggaa aggcccatgc ttattccttt tgagaaagga cgcaacctcc 1140
tgcagaataa ggggtgtcgt tctttggaag cacatgggct gctccgtgat ggtgtggttt 1200
ctcatcagaa agcaatcggc atggacaatc agagcaccca caaaatagga gcttgcgagg 1260
aggaggacgg ccgaaagggc tgaccagatg accggcatcc acgagacggg tatcaggtgt 1320
gtgagcttcc ctgctaccag tgtgagggca accaaggcca ggacttgga gaggaagttg 1380
agtttttgtt ccaggttgac acgcttctct gagagttccc agcgggcgca atcaccatc 1440
aaggagaaag gcattccgta gaaatggtca aagccatgat ggagagggtg gtggcaatga 1500
tcaactggtg actcacagtt gagaccaga tgccattttc caatgagtcc agtggcatag 1560
cctttctctt ccagtatttt tgcaaaagtt gtctcatttg ttggaagacc tccagatgct 1620
ccggtccact gaagaacacg gtaaccaatg ctggaaacca tccctgatcg cacagggtat 1680
ctgcccgtga ggaaggcggc tctgcttggg gtgcacaaag atgcggcaga gatgtgttgg 1740
gtcagcttca cgcgctcttc tgcaaggcgg tcaatatctg gagtctcat ggtgttgttg 1800
ccatagcagc caatgtcccc aatgccaagg tcgtccgcca tcagaagaag gatgttcggt 1860
cgggaggcgg aaatgtcgct ggaagctgat ggtgccaaac ttagcagtac agcgagcatc 1920
gctggcagcc agctcctgaa acacaaacaa gaatggtgca gatgtaacat gttgtctctc 1980
tctctacttc ctctgctcct gggctccttc ctgaatcccc gatcaagaag aggaaggttc 2040

```

tctcccaaaag	gaagcaagcg	tgaaggcaga	gagcacttgc	acaaggcttt	gagctgggaa	2100
tgattaactt	cgagtttggt	tttccctacg	atttcgtacg	aaa		2143

<210> 6430
 <211> 1331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (110)...(1331)
 <223> similar to gi5457352 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

004066725.012100

<400> 6430						
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tatgaagaga	aaaacaataa	agaatatcaa	cacctttgag	aacagaatgt	taatgcttga	180
tgggatgccg	gcagtcagag	tcaaaacaga	gcttttgtaa	tctgaacaag	ggtctccaaa	240
cgtccacaac	tatcccgata	tggaagccgt	tcccctgttg	ctaaataatg	tgaaagggga	300
gccccggag	gactcgttat	ctgtagatca	cttccaaaca	caaactgagc	cagtggactt	360
gtcaataaac	aaagccagga	cgtcccctac	tgccgtttca	tcctccccag	tttccatgac	420
agcatctgcc	tcctcacctt	cttcaacttc	aacctcttca	tcgtcttcta	gtcgtctagc	480
ctcatcccca	actgttatca	catcagtatc	ttcagcgtca	tcttcgtcaa	cagtattaac	540
tccagggccc	cttgtggcct	ctgcatctgg	tgttggaggc	cagcagtttt	tgcacattat	600
ccatcccgtg	ccgccttcaa	gtcccatgaa	tttacagtct	aacaaaactga	gtcatgttca	660
ccgcatcccc	gtggtgttac	agtcggtgcc	tgttgtctac	acagctgtaa	ggtcacctgg	720
aatgtgaac	aacactattg	tcgtgccgct	tttggaggat	gggagaggcc	atggcaaagc	780
acaaatggac	ccccgaggcc	tatctcccag	acaaagtaaa	agtgacagtg	atgatgatga	840
cctgccaaat	gtgaccttag	atagcgttaa	tgaaactgga	tctacggccc	tttccatagc	900
cagagcagta	caagaggtac	atccgtcccc	agtatcaagg	gtccggggca	atcgaatgaa	960
taatcaaaag	tttccttggt	caatttcacc	atttagtatt	gagagcacia	gacgccagag	1020
gacggtcttg	aatccccag	actccaggaa	aacggcgtat	tccacagatt	gtgattttgg	1080
agggattgca	acaaaagtgt	tacacaaaaa	gttcttcacc	tggaagggtt	caccggagga	1140
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gttcagatga	actgacgagg	cattaccgca	aacatacggg	agtgaagcca	ttcaagtgcg	1260
cggactgtga	tcgcagcttt	tcccgggtcag	atcatattggc	cctgcaccgc	cggaggcata	1320
tgttggtgtg	a					1331

<210> 6431
 <211> 2878
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (136)...(1064)

<223> similar to gi4929629 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6431

gggagggtcg	tcggtggggcc	agtctgcgta	gcgacggccc	gtccccctgcg	cacggacgcc	60
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gtccgctttc	agtgtatggt	tttccctgcc	aaacggttct	gcttgggtgcc	atccatggag	180
ggcgtgcgct	gggccttttc	ctgcggcact	tggctgccga	gccgagccga	atgggtgctg	240
gcagtgcgat	cgattcagcc	cgaggagaag	gagcgcattg	gccagttcgt	ctttgcccg	300
gacgctaagg	cagccatggc	tggctcgtctg	atgataaagg	aattagttgc	agagaaattg	360
aatatccctt	ggaatcatat	tcgtttgcaa	agaactgcaa	aaggaaaacc	agttcttgca	420
aaggactcat	cgaatcctta	cccgaatttc	aactttaaca	tctctcatca	aggagactat	480
gcagtgcctg	ctgctgaacc	tgagctgcaa	gttgggaattg	atataatgaa	gactagtttt	540
ccaggtcgtg	gttcaattcc	agaatttctt	catattatga	aaagaaagt	taccaacaaa	600
gaatgggaaa	caatcagaag	ctttaaggat	gagtggactc	agctggatat	gttttatagg	660
aattgggcac	ttaaggaaa	cttcataaaa	gccattggtg	ttggactagg	atttgaattg	720
cagcggcttg	aatttgatct	atctccatta	aacttggata	taggccaagt	ttataaagaa	780
acacgtttat	tcctggatgg	agaggaagaa	aaagaatggg	catttgagga	aagcaaaata	840
gatgagcacc	attttggtgc	agttgctctt	aggaaccctg	atggatctag	acatcaggat	900
gttccatctc	aggatgattc	caaaccaacc	cagaggcaat	ttactattct	caactttaat	960
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caaagggaaa	tgaaaactgt	ttgtgatctt	ccgtattcac	tgaaaaataa	atgcttggtt	1140
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aaaaaagcag	acttctggtt	caagatagct	cactggaata	catgtttacc	tttttctttc	1260
ctaaattgca	ttgaattgat	aggaaggatg	gcggaatctt	aaagtgatac	atgctaactg	1320
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ctctgttgta	tagctaatac	aagttaggat	gcttttgccc	agaggtaaca	gtgtccaaat	1620
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aagctagggtg	tgaagaatgg	aattggaagc	ccactgcctt	cccataagaa	aggtttacca	2040
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cagtggcaga	gtgaatgtcc	ttgtacattt	tgagttacat	gcttaattat	gtccttgaga	2160
aagtttctaa	aagtggaatg	attggtttga	ctggttcata	gggctttaat	tatacaattt	2220
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tcaattgtag	gtattctttt	tggtttaatt	tttgccaatg	taattaaaaa	atggtagtgc	2340
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gcttttcgta	ttcctcttaa	cgtgaaccgt	ctgttcattg	tttttacctg	ttttcgtttt	2460
agcaagtagt	acttaattta	aagtgtgaac	ttaatatata	agatgccagg	accatcatat	2520
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caagaagtaa	aataatttca	ttgtttctgt	tactaacatt	aaaagtgtgc	aaattgtata	2640
aaattaggtg	cttcgattag	taaaagaaaa	aaatttgaat	gttttttttt	tttattttat	2700
taagcatgcc	cagttatgcc	aagcatagta	aataaaggtc	aagtagcatt	tataataaag	2760
gaagtattgt	tatccctagc	atgagtgtaa	tgggtgatag	aaaaactttg	tcttgtcatt	2820
ataataataa	aaaaatgaac	atttattatg	gaatttttaa	aaaaaaagaa	aaaaaaa	2878

09458725-012100

<210> 6432
 <211> 1376
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (257)...(1050)
 <223> similar to gi5881842 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6432
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 tgtgtgctga gagaccatgg caaagaatgg tccagagaat tgtgaagact gtcacattct 120
 aaatgcagaa gctttttaaat ccaagaaaat atgtaaatca cttagatttt gtggactggg 180
 gtttggtatc ctggccctaa ctctaattgt cctgttttgg gggagcaagc acttctggcc 240
 ggaggtaccc aaaaaagcct atgacatgga gcacactttc tacagcaatg gagagaagaa 300
 gaagatttac atggaaattg atcctgtgac cagaactgaa atattcagaa gcggaaatgg 360
 cactgatgaa acattggaag tacacgactt taaaaacgga taaactggca tctacttcgt 420
 gggctttcaa aaatgtttta tcaaaactca gattaaagtg attcctgaat tttctgaacc 480
 agaagaggaa atagatgaga atgaagaaat taccacaact ttctttgaac agtcagtgat 540
 ttgggtccca gcagaaaagc ctattgaaaa ccgagatttt cttaaaaatt ccaaaattct 600
 ggagatttgt gataacgtga ccattgtattg ggatcaatcc cactcttaat atcaggaaca 660
 tttgcaaagc agttgcatca caactttgca tttattatct tagtttctga gttacaagac 720
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 aatgaacagt ggggtggtccc tcaagtgaaa gtagagaaga cccgtcacgc cagacaagca 840
 agtgaggaag aacttccaat aaatgactat actgaaaatg gaatagaatt tgatcccatg 900
 ctggatgaga gaggttattg ttgtatttac tgccgtcgag gcaaccgcta ttgccgcgcg 960
 gtctgtgaac ctttactagg ctactaccca tatccatact gctaccaagg aggacgagtc 1020
 atctgtcgtg tcatcatgcc ttgtaactgg tgggtggccc gcatgctggg gaggggtctaa 1080
 taggagggtt gagctcaaat gcttaaaactg ctggcaacat ataataaatg catgctattc 1140
 aatgaatttc tgcctatgag gcatctggcc cctggtagcc agctctccag aattacttgt 1200
 aggtaatcc tctcttcatg ttctaataaa cttctacatt atcaccaaca gcctgattgc 1260
 tgctgaacac actgggtaag tgtttgctga gaatattcac agcaactgaa atggagcaga 1320
 cccgtcaaac atagatgact atgctgaggg tcagaaaaaca atgccccaaa atgaaa 1376

<210> 6433
 <211> 1623
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1624)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1432)...(812)
 <223> similar to gi2982311 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6433

tgcgaccgcc	gcagtcgaag	gcgacttgtg	gttggagtga	gcaggctcct	ggcttccagg	60
gcagcaaaaa	cccccaagca	ctttctagaa	agaatgtgtt	tcattctgac	tgtaaacaca	120
tttgtaaatg	ctgagaccaa	accccgactt	atggatcctg	agccacggcc	gtcactggcc	180
ccgctaagcc	tcataccac	acggccaggc	cagaccagca	cccgcggacg	ccagctccac	240
ccctgggccc	cgaggttccc	acccgctgag	gagccgggag	ctccgaggaa	acgcgccagg	300
gagctccaaa	gaacgcagga	gcagcccgcg	gttcggcagc	aagttttgca	tttcttaagg	360
tgaccacatc	taataaaaatg	aaaaacgggt	ttactaaaac	aggtccaaag	acaacacgga	420
agataagcta	caaatccagc	acacaaggcc	caccacacac	agccccagcg	gcccgtggcc	480
aggacagggc	tgaggctcca	gtctcctcca	aagcccagtc	acacattttg	gtttttgctt	540
cccctttcag	gtttttaaaa	gctaaacctt	ggagcctggt	gggtctgcct	gtgctgggca	600
gtgtgtccag	cctgccgagg	tcacgctctg	gtgcgcgggtg	ccctcagtgg	cgccttgggt	660
ctcggcgctt	gggcctcact	cctgcgcgat	gtcctcagc	acgtacttga	ccgtgtaagc	720
aaaggctgca	aacccaacta	tcacaaaaca	gttcgccagg	gcgccaccca	ggagtccgtg	780
gtgccgggtg	gcctgctgga	gccctgcgag	gtttgggacg	gcccccggcg	catgcccggt	840
gagcagctga	atcccgttct	ggacgaggtg	cgtctccccg	tctggaacca	cgtctggcaa	900
ggggagagtc	tggggctctg	tactgagttc	gtcttggtgt	ttctgttttt	gtttaatctc	960
ctccacgact	tcaggaaata	attcacaaaa	gactttatct	ttcaaattaa	atgctaaact	1020
ctgcaactgc	agttgtcttt	tcgtgaagtc	cgacgtctct	atactgcccc	gggtggggcc	1080
cttctccacc	atgaagctca	ggagcccagt	caggatggtg	gagacagacc	aggccggggt	1140
ccacgtgtcc	gggtggaaat	ccgtgataga	aagacacagc	ctggtgttgc	acttaaacct	1200
cccgttggga	gtgatcatat	agatactggg	aggtttgaaa	ggaaattctc	tgggaaaaat	1260
tagttttcca	tgataatagc	caccttcata	aggggtcatc	tctgggcctc	ggacgacata	1320
gtgccactcg	agaatatctg	aagggagggg	ctcggcacag	atgtaaggca	ccgggtcttt	1380
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gctggtgctg	ctcatctctc	cctgtcgtctg	cgcgtgggcc	gccgccgcgc	tcaggctcgc	1500
cgtagtcgag	gccggagcag	ggtgcggaaa	agcggggccc	gcgcccgaag	cagccgcacc	1560
gccccgggat	tgggcgaatt	ccaccgcact	gactaaggac	tacatatnnn	nnnnnacctc	1620
tct						1623

<210> 6434
 <211> 1891
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (178)...(1397)
 <223> similar to gi5231137 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

SECRET

SECRET

<211> · 1369

<213> Home

 $\langle 220 \rangle$

<221> misc feature

$\langle 222 \rangle$ (93) ... (669)

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<223> similar to gi4929761 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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caqtqg tqct.

cagttagtgg	tgctcaacgt	gtacgacatg	aattggttcc	ttccgatggg	ttcttgggtct	60
cactgacttc	aagaatgaag	ccgcagaccc	tcgtgtattg	gatgaacgaa	tatacctcat	120
ccatttgaat	tggagttttt	cattcaggaa	ttgaagtcta	tggcagagaa	tttgcttatg	180
ggggccatcc	ttaccocctt	tctggaatat	ttgaaatttc	cccaggaaaat	gcttctgaac	240

taggagaaac	atttaaattt	aaagaagctg	ttgttttagg	gagcacggac	ttcctagaag	300
atgatataga	aaaaattgta	gaagaactgg	gaaaagaata	caaaggcaat	gcttatcatt	360
taatgcataa	aaactgcaat	tcattttttc	tttcagcttt	tatccagaga	ttctttgtgg	420
ggaaaagaga	ttccctccgc	tggaatcaat	ccgactttgc	cctactttca	gcttccttgt	480
ataccctttt	cttacagagt	tgcctccccg	aaggagggtg	ggctcacgcc	ccgcagcccc	540
tgcagtccta	gtgtccagcc	aagaacttcc	aggatgaact	gggaggaagc	agaggatgct	600
gccgcatccg	ctttccgtgg	caagcagctg	ccagcaggct	ccagacccgg	ggcgccacac	660
taaactataa	atgtctccaa	aggtcacaca	ttcagaactg	tctctggcag	tcgaatatca	720
ctagagaaaa	gtaaacagag	aagcatcctt	tagatatatt	gtatgcaaag	atggctctcc	780
cccaaattccc	agtttttcag	ctcaggatta	tattttgtaat	caaaaaaaaa	aaaatcactt	840
ggcgaggag	ggagaacttt	gtaagaagct	gccctatgtt	ttttttatcc	actcgtaa	900
ctggatttat	ttcttctgtt	ttatacaagc	tctgttaagt	tatgtttaca	gtatcttcta	960
tcgctgttta	caaatcttgc	atggactcct	gccacagtga	aagaagaaaa	tcttcattgtc	1020
ttcaaaaatt	aggcaggtaa	tctttgtata	cttctgacaa	ttgccagatc	tatggcataa	1080
ataggcacac	aaaaagggtac	ttaaacagtt	atagtcacca	tcacctgctt	cagaatggtc	1140
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gcctgagggtg	aaggagcaca	cagccctgag	ggcttgggaac	cctgggtcca	gttcctcttc	1260
acacccctt	ccactctgag	tagcacatct	ccccagggtg	ccatggaaca	cctgctttca	1320
tcccaaatat	ccgtccacct	aggcgggggtg	gtatgttctt	acgcctttt		1369

<210> 6436

<211> 3289

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3046)...(382)

<223> similar to gi639693 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6436

tgccattgta	cattctttat	taaacatcaa	tactgaaaac	agattttactg	acatatgtat	60
ataaattata	atcaaaactg	ggaaaagggg	acaaggaaat	tggtaatctc	tctctctcat	120
gcgggtgggtg	cgatctgggc	tactgcaaaa	cctccaactt	cctgggttca	aggcaattct	180
cctgcctcaa	gcctcccaag	tagttgaaaa	ttaccagggtg	tgcaactacc	acacccggct	240
aaattttcgc	atttttaata	gtgacagggtc	ttcaccatgt	tggtcaaggc	cggctctcgga	300
actcctgacc	tcagatgatc	caacccgcct	tggcctccca	aagtactgga	attacaggcg	360
tgaaccatgc	atggcgccgt	ggccttcgct	ttctttttct	atgtcctcct	ccttcactat	420
cgtcttcata	ataaaagatg	tctcgaaatg	ggaaaacttg	cttgggtgct	gcaggagtct	480
ggatttttagt	gccttttttc	tccatcattt	tttctaactt	ttccttcagc	aaaggtagag	540
tcgtctcata	aaggtagtcg	atgatctctg	gaaaagtctt	tttctgcaa	aatggaacat	600
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tttcaataag	gctgaccttg	gcccgcaggg	cattcatgcc	atagtatata	cgccgaccat	780
tagtcatcct	cttggttaga	atttctgtcc	acttactttt	acactgcac	caatttctgg	840
tttgactttt	agcttctact	tctacccaag	atatgccctt	gtagagtgtt	tcccgaacaa	900
ttgataggca	actttcagga	ttttcttgga	gtttggaatc	cacctctttt	aactcctggg	960
gagacatctt	cttcagaatc	acttcttcga	cagccttgat	tagtttccgg	gtttcagact	1020
tactccaagc	accacgattt	ctttgactgc	tgatctgtga	gaacttgagg	gccacggaga	1080

09483725-012100

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ggctacgtcg ggccaccatc tcaccaatcg tcttccagtc attcccaagg agagaatgg 1140
acatcttttaa cttctcagta tctccttcgc tatacctgcc tttgtaattg ttgacatcga 1200
acatcttctt tgctcgatag tatataagtt tccagggccg ggcaatgttc cttaccaatg 1260
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cggcgattcc tgcataatcag ccccaacctc actgccact tgtgatcctt caggcatggc 2160
caatgactca aattcctggg gattggactt tttcttcttt ttttcttag actttttttt 2220
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actggagtgt ggatttcaaa tctgcttgat tctccttcca ttttattcca tggagaagcc 3060
attagactcc attcgagtgc aggatccaca aaagggttgc gcagtgggga tatcagggtat 3120
ccactgacct caaaccagaa gttggcctct ttgtgaaaga agttggatat gccttgtag 3180
tgtccaacaa agagcggacg ttctgcgata cactggaata aatttcacaa gccactaacg 3240
ttaataactc catacagggt gtgtgcccac gcgtccgcgg acgcgtggg 3289
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<210> 6437

<211> 3470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3471)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (853)...(1407)

<223> similar to gi5262638 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 6437
ccactatcca agtggaggaa ttccaggctc aagacagcgc ttccaggttc agtttcaggg 60
tctcgccggc agccccagcc ggccggcgcg gagcgggcag cggggcccg atcgaggct 120
cctctggggg ccccgaggtt gggaagcggc gtccgggagc ccccgaggga ggatgggctg 180
cagacacagc aggtgagca gctgcaaacc cccgaaaaag aagcgccaag aaccagaacc 240
agaacagcca cccagaccag agcccatga attaggtccc ctcaatgggg acacagctat 300
aactgtccag ctctgtgcat cagaggaggc tgagcggcac cagaaggata taaccagaat 360
tctccagcaa catgaggagg aaaagaagaa atgggcacaa cagggtggaga aggaaaggga 420
gctagagctt cgagacagac tggatgagca gcaaagggtc ctggaaggaa agaataaga 480
ggccctgcaa gtccctccgg cctcatatga acaggagaaa gaagcgctta cccactcttt 540
ccgggaggcc agttctaccc agcaggagac catagacaga ctgacctcac agctggaggc 600
tttccaggcc aaaatgaaga gggtaggaga gtccattctg agccgaaact ataacaaca 660
tatccaggat tatgggagcc ccaccaggtt ctgggagcag gagctggata gcttacactt 720
tgtcatccaa atgaataatg agcgtattca tgagctggac aagcggngctg atcctcatgg 780
aaacagtga agagaaaaat ctgatattgg aggaaaaaat taccaccctg caacaggaaa 840
atgaggacct ccatgtccga agccgcaacc aggtggtcct gtcaaggcag gctgtcagaa 900
gacctgcttc tcacgcgtga ggccctggag aaggagggtc agctgcggcg acagctccag 960
caggaggaag ggagggagct gttgtaccgg gtccctgggg ccaatgcctc gcctgccttc 1020
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<210> 6438
 <211> 1026
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (854)...(317)
 <223> similar to gi4572554 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6438						
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aattgtaatt	tttatgacta	tgcataattg	gtttttttcc	tgacccttgg	aatcgttagt	180
ttcatgtaac	tttttaaaaa	attaaaacat	tcagactaa	atgtactgat	aagtacatac	240
tgaacacatt	taattaccca	cagtaattaa	aaagtcctga	tctttacttc	ttaaggatgg	300
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atcccttcct	tccgcttccc	cactactgga	cagcctttat	gtaacaggtc	atgggtcccg	420
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ccatgttcaa	attcgatctt	gtggactccg	tcacttaaag	caacatccca	aacagctacg	840
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tggggtaggt	ttcaccaaac	aaccggtttg	ttccgactcg	gctgcgtagg	ccgcgtggcc	960
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gagtac						1026

<210> 6439
 <211> 1874
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (116)...(695)

<223> similar to gil89701 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6439

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gagccaggga	cttcccgaac	cttcgccaga	gcccaagcag	ctcccggagc	tgatccgcat	240
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cagcaccggc	cccagggtgc	cccaccgctg	tggtgctgca	ccctcacgcg	tacccccaca	480
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ctacaaaaaa	aaaa					1874

<210> 6440

<211> 2066

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1571)...(485)

<223> similar to gi4929573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

0048723.012100

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cagaaggggg gcagtgataa accccgtctc ctccccgcta cacaatggga aatgaggaga 180
tgctggaagg atcaacggcc ggatgatcaa caaccttaac aaaattaagg gcagacgcag 240
gggaccgagg cagcggccat gaggcagggtg ggaagcaggc acagtgatga gccggctgag 300
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gcctgggtgc agtccttgaa tcctga 2066
```

```
<210> 6441
<211> 1169
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1156)...(0)
<223> similar to gi4007113 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 6441
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cctacagcct ctctcagga ggacagaggg ggtcattgca tttgagcccc ctgccagtca 180
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cccggacgct catggtcgga cacctgccc 1169

```

<210> 6442

<211> 3753

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3673)...(1304)

<223> similar to gill177440 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6442

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<210> 6443

<211> 2881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (536)...(1996)
 <223> similar to gi349096 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6443

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<210> 6444
 <211> 2417
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1840)...(546)
 <223> similar to gi4101480 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6444
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<210> 6445
 <211> 2205
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1756)...(426)
 <223> similar to gi3874275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gagggcacga	tcccacgcgg	aggccacccc	tcacccgggg	taggagcccc	ctgcacttgc	2160
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<210> 6446

<211> 4068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (80)...(3471)

<223> similar to gi3287173 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6446

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tgcaaggaag	gacaatagtc	ctctttccaa	gtgtgttagc	atagacttct	ctatatgttt	3900
ctactagacc	taggggatga	cgtcttttaa	taatactggc	cctaaacatg	taaataatct	3960
tgtaggtgag	actttttctt	ttgtgtttcg	gaaatttcct	atgtggcttt	cagttgtctg	4020
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<210> 6447

<211> 2593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2398)...(871)

<223> similar to gi4929769 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6447

tttttcacag catgaattca gaagcttact ttcaaaaaaa atttattcaa tgaatacaca

60

atataattcc	atttcgagtg	attaaaaacct	atttgttgtt	taaaacccaaa	caaaactaca	120
agaaaacatt	ttcaaaacct	ttttttttcag	gctgaagaaa	tcgtttaatc	catttttaaag	180
aaatctcaca	tgatgttctg	tcgggattaa	aaatatacac	ggaaaaaaat	aaaacaaaat	240
atatacacag	aaagaagctc	gcacagagtc	aggcgtgcag	caacgtcaca	cactcattcc	300
tttctgtttc	ctctggacac	tcaaaatgtg	aaagcaagta	agaggggggt	ggttaacca	360
accttttggg	ccaaggaata	aaattttctt	aaaaaattta	aaacgtcaaa	acctgccaga	420
ataagacaat	agaagagcgt	atcgtcaggc	gctgggaatg	gcaccacgac	aaggcattaa	480
tgtggattca	cttgcacagc	tgctctcata	aaagctacac	gattcagagg	taaccctaac	540
tatccgcaat	cccaacccaa	gtcatgttca	tgccgctgtc	ctagtctgga	caatcatctg	600
tcactcatcc	aacacagtta	tatacagaat	gcgcagtcac	agcaacagtg	tagattacag	660
caggcggttct	ctacctggac	tcatgattgg	atttcatttc	taaattacat	cagagctttc	720
aaagattgaa	atacacaat	ctgcactacc	caagcctcct	tgctgttacg	ggaaacaaat	780
cagaagagca	tttattggga	actgacacgt	caggcctcac	aggtgctggg	caggaatcac	840
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gatccatctt	agaagagttc	tcgaaatgct	tcatccccga	caaagcaaat	ttcatgtccg	1020
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ccttgacgcc	cctgtagctc	caagcttaca	ctggttatca	gcatagccca	gcaaagccct	1260
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gagcaacgag	agaaacaacc	gctcgaggag	tccgcatccc	gcgctcccag	cacctgggaa	2160
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aggctcattt	cagacgctct	caaggctgga	gctgtgccaa	aaatgttctt	ctttagccgt	2340
ctagaatacc	taaaggagtt	gccagtcgat	aagctgaaag	gtgtcagcct	cattaaggtg	2400
aaatttgagg	atatcaagga	ttggtccgac	ctcgtaacgc	cacaaggaat	aatggggatt	2460
tttgccaagc	ctgacctgtg	taagatgaca	tatccaaaga	ctcagcttca	gcattcactg	2520
cctttattat	tgatttgtga	caatctccgt	gaccctggga	acctggggac	aattctgaga	2580
tctgcagctg	ggg					2593

<210> 6448

<211> 1986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(179)

<223> similar to gi5051648 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6448

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acaaacaggt ggactgcagg gtcgtcttac aaaatgacaa gaatgaaatc tattggaaaa 120
attttacttt tacaaatctt tataggtaaa ttgttcaatg tttgtacttg ttatttgaga 180
ttttaccttt cactgataaa gttacagtac attagatcca tgataatagg ttacattatt 240
ttatttgcag agccctactg cagtgatttg aacaactcct aaatagatgc cataataaag 300
acaagacata tattgcattt aatattaatt tattatccta ataagcaaca tgcaatctat 360
tgaggaagct aaaataactt ttggtccctt ttcttaaaat gtgctggaga aaccaccttt 420
aaaatcactt tcccctgatt cctgcgatcc taagtgaatt caagtcaaatt ttgctgctga 480
ggtcaatgac aatgaacact gtaattttga gagagagaga gagagagaga gagagagaga 540
gagagagaga gagagagaaa caagaacaca atctacagga aagaaacatt ataaaaaaat 600
caaaatctct agaaaattta aatcatgatg aattatttga ttcttttaga atttcacaaa 660
gccacaaagc taataacaat gatccatgat cacttaacct acttttaaat gagtgtttgg 720
ttttaagttt ggtattaaag tgcaaactta aattaagtat tcacttcaag cagttcataa 780
ataaggaaca atgtttcaat tgccctctatc tttaacaatc caccataaaa ttcaaaattt 840
aagaacaaga gttcactttg agggaatttg ctcaggaatc aaatgcaaca cgatttaaaa 900
aaaggaaatc aaagtttagt caatttctac tcagtaatta atgggtcatgc tgaccataa 960
atcacatgaa tgtagatacc actttatttg aacatcacac acaatataaa tttaaaattg 1020
ccacaccctt tcataaacca tctactgata tattagagct ttctttgaca aagttattga 1080
gctcttatta tagatcaaaa gtatagtttt ggttttgttt tattttattt agaagcatgt 1140
tcaaagact aaagctgggc tcttaaaatc gagaactttg gtgcagtagg tgagctgcag 1200
ttactaactt ctgcaaataa aaagcacaca actaaaatca aataaaaacc caacaataaa 1260
atactgtcaa acttacacaa tttaaaaatc attgctagaa aaagccctca ttgtcacgat 1320
gttaaaaactg aaccaaataa ttactctgca taagtttcct ttctgattct acacctgcgt 1380
tactgttaaa atgttcaagt attcagacaa aaatatgctg attaggtaaa caacatggaa 1440
ggcaatggct attagaaagc acatttgcaa aaataaaaaa tagcccagag acttggcgct 1500
attctccctc ctgttacaca gattttgtct ctaatacgaa catgcttctt gagaaataac 1560
taaaaagcaa ttgtgatagt gcaagaaaac tttacaaaat attgctttta actattattc 1620
agaaagacaa atattaagaa ctagaaagtg tgtatgattt tatttgaatt caattttaca 1680
tgtgcagaag tctactagat gtcaattaca agcctgatag gcaaagatga gctatctctg 1740
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aggtcataac taaattttaga acttcacaga aaggaaaatg ttactgccgc aattcaatgc 1860
tgtaaagtag attaacacat gtgaaaacct aatggaactg aatgcttaac tcttcaacta 1920
aatgctctac agtcaatttc aaatatcaat tgtaaccttc agaacatgtt aattacaaaa 1980
aaaaaa 1986

<210> 6449

<211> 2287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(1745)

<223> similar to gi6019470 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 6449
caggcgggtg ctatacttat taaagttggc gggagctgag cgatcagtcg gtcctgggct 60
ggctgtggtg tagggcggtg caggcagcgc tcacctctc aggccggcag aatgcgggtg 120
gctgtggctg gctgctgcca cggcgagctg gataagatct atgagacgct ggcgctggca 180
gagcggcgcg gcccggggcc tgtcgacctc ttgctgtgct gcggcgactt ccaggcgggtg 240
cgcaacgagg cggatctacg ctgcatggcc gtgccgcca agtatcgtca catgcaaac 300
ttctacaggt attactctgg agagaaaaag gctccagttc tcacgctctt cattggggga 360
aaccatgaag cctcaaata tttgcaagag ttaccctatg gtggctgggt ggacacaaac 420
atattattatt taggtttggc tgggtgtgta aaataccgag gtgtaaggat cgggtggaatc 480
tctggtatct ttaaactctca tgactatcga aaaggtcatt ttgagtgtcc cccttataat 540
tcatctacaa tcaggagtat atatcatgtg agaaatattg aagtctataa attaaaacag 600
ctgaagcagc ctatagatat attcttgtct catgattggc caagaagtat atatcattat 660
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cagacagcca gagcaaccaa attttttagcc ttggacaaat gcttaccaca tagagatttt 900
cttcagatat tagagataga acatgacccc agtgctcctg attacttggg atatgatatt 960
gaatggctca ctattctcag ggctacggat gatcttatta atgtgactgg gcgcctgtgg 1020
aatatgccag aaaataatgg cctgcatgca aggtgggatt atagtgcac agaagaaggt 1080
atgaaagaag tattggaaaa attgaatcat gatctcaagg tccatgtaa ctttagtgta 1140
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aatctcaga caactgaatt ttgtgcccac cttggcatca tagacatcaa tgttaggctt 1260
cagaagtcca aggaagaaca tcatgtgtgt ggtgaatatg aagaacagga tgatgtggag 1320
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catagtggca tgaatacacc atcggtagaa ccttctgatc aagcttctga gttttctgca 1500
agtttctctg atgtcaggat cttgccaggc tctatgattg tatcttctga tgatacgggtg 1560
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ccccgccacc acaccggct aatttttgca ttttttagtaa tgacaggggt ttcaacctatg 1980
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taaagtgcct gggattacag gcgtgagcca ctgtgcctg gccgacaatt tacttgtctt 2100
agtattatat gtagatatgt gattttttga gactgtattt ttagagctga atttttgact 2160
aaagacttaa actttgataa attatggaag atacattaga gaattttagt tagatattga 2220
ctttatcttt aggtgttgt atgtttcaga tgcaaacata ttcaagtttc atatatttaa 2280
aaaaaaa 2287

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```

<210> 6450
<211> 3275
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(3276)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (37)...(1506)
 <223> similar to gi5410286 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6450

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ttacaagtac	ggttagaaca	tcttcaggag	aaaactctta	agaatgcag	cagcttggag	180
aagctgatcg	tcgaaggcca	tctaaccaaa	gcggtagaag	aaacaaagct	ttcaaaagaa	240
aatcagacaa	gagcaaaaaga	atctgatttt	tcagatactc	tgagtccaag	caaggaaaaa	300
agcagtgcag	acactacaga	tgcccaaattg	gatgagcaag	acctaaatga	gcctcttgcc	360
aaagtgtccc	ttttaaaaga	tgacttgcag	ggtgcacagt	cagaaattga	ggcaaagcaa	420
gaaatacagc	atcttcgaaa	ggaattgatc	gaagcccagg	agctagctag	aacaagtaaa	480
caaaaatgct	ttgaacttca	agctcttttg	gaagaagaaa	gaaaagccta	tcgaaatcaa	540
gttgaggaat	ccactaaaca	aatacagggt	cttcaagccc	aattgcagag	gttacacatc	600
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cgggacactg	acattgcttc	tttacaagaa	gagcttaaga	aggtgagagc	tgagcttgag	780
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cagcttagat	gtcaacagtg	tgaggaccag	cagagagaag	aagcaacaag	gttgcaaggt	900
gaactagaga	agttgagaaa	ggaatggaat	gcattggaaa	ccgaatgcca	ttctctaaaa	960
agggaaaatg	ttttgctatc	atcagaactg	caacggcaag	aaaaagaatt	gcacaattct	1020
cagaagcaga	gttttagagct	taccagtgat	ctcagcatcc	ttcaaattgtc	taggaaagaa	1080
cttgagaatc	aagtgggatc	cttgaaagaa	cagcatcttc	gggattcagc	tgatttaaaa	1140
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aatccttcca	tattacaacc	cgtcccagcc	gtattcatcg	gcctattcct	ggctttcctg	1380
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atgctgggga	caaacagaac	cattttcttc	ctctttacct	cttaaaacag	cagaagtaca	1620
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gagacaacta	tttgcggtgga	tttttttttt	tttaaggaaa	aatacgtttg	gaaaataaac	2100
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tattcctcca	agcatgttta	attgaagaaa	gtattaatat	ctcttttagat	aagcttgtat	2460
tgacctaat	tggtttatga	tgtgtcagag	ctaattcatg	ttcagggtga	gcgttgtaac	2520
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tttgagattg	cttttgggaa	gatcactaga	tttatggagg	aattagtcac	aatgacttg	3000
tagaaaatac	tgtcatatag	ttcatttcat	catttttctgt	tgcaggaagc	cactccacca	3060
cagaatgcta	atatgccagt	ggtacccagt	acctcttgta	tataggttat	tgcaaatatt	3120
gttctgaaat	gcttaacttc	agaattacat	tttttaaagt	aaataattgt	tttaaactta	3180
ttttgtaaag	atataaagta	caatagaatt	tctggagtac	agattaaact	atttgactta	3240
acacacgtga	cgtgcatgat	ttaatacnch	agccc			3275

<210> 6451

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (59)...(882)

<223> similar to gi252483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6451

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taggaagcgg	gccgagcaca	agacggagga	cggaagaag	gagaaatatt	tcctcttcta	180
cgacggggag	acggtctccg	ggaaggtgag	ccttgccctc	aagaacccca	acaagcggct	240
ggagcaccag	ggcatcaaga	tcgagttcat	cgggcagatc	gctatttcct	tcgtgctacc	300
atcagccgcc	gcctcaatga	tgttgtcaaa	gagatggaca	ttgtagttca	cacactcagc	360
acataccag	agctgaactc	ttccatcaag	atggagggtg	ggattgagga	ctgtctgcac	420
attgaatttg	agtacaataa	atccaaatac	cacttgaaag	atgtcattgt	agggaagata	480
tacttctctg	tggggagaa	caaaatcaag	cacatggaga	tagacatcat	caagcgagaa	540
acgacgggta	caggcccca	cgtgtaccat	gagaatgaca	cgatagccaa	gtacgagatc	600
atggacgggg	caccagtgcg	aggagagtcc	atcccgatcc	ggctcttcct	ggccgggtat	660
gagctcacgc	ccaccatgcg	ggacatcaac	aagaagttct	ctgtgcgcta	ttacctcaac	720
ctggtgctga	tagacgagga	ggagcggcgc	tacttcaagc	agcaggaagt	ggtgttgtgg	780
cggaagggtg	acatcgtacg	gaagagcatg	tcccaccagg	cggccatcgc	ctcacagcgc	840
tttgagggca	ccacctccct	gggtgaggtg	cggaccccca	gccagctgtc	tgacaacaac	900
tgcaggcagt	aggcccccag	ggccgagaag	atgctgggca	cccaccacgc	acccccatct	960
accaacacca	gcggctgggg	gcgggggcgg	accttgtgag	gtcagttga	cccgttactt	1020
gcaacctgaa	aacaaatcat	gtttttgact	taaattcttt	tctctggaga	acccaagggg	1080
cttggggtgg	gaagcagtct	ctccttgagg	ttctgcggcc	gatgtgggat	agaagaggta	1140
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tgatacagga	tctgagcatg	tccctgggat	tctgagctgc	caacagggcc	ctgggtagtc	1320
acatcttgta	ctcccccttg	ctgtcccggg	ggtagtggca	ggagttgggc	cagccccac	1380
taagtggcag	gggaagactc	acgattggga	agctacctct	ttgggaatct	tggatgtggt	1440
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09468725.012100

<210> 6452
 <211> 2134
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (992)...(1772)
 <223> similar to gi4835268 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6452

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cctgcgttcc	tgcacggatg	tactgagta	cgcggtgcag	cgcaactatg	gcttccagat	240
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gatcgaggct	ctgagaaaaga	ccgtacgtcc	aacttcagcc	ccagatgtca	ccaagctctc	360
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accttgacac	ttcttcagga	ttttatatgt	gaagagattt	ttatatagat	ttttttcctt	2100
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09463725.012100

<210> 6453
 <211> 5612
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (52)...(2673)
 <223> similar to gil263890 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6453

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09486725.013100

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<210> 6454
 <211> 857
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (742)...(321)
 <223> similar to gi5817185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6455
 <211> 3402
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (235)...(2092)
 <223> similar to gi4774232 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gttcgtgctg	ttggaggagc	gcaggccggc	cgactcggct	cagctgtctca	gcctgaactc	360
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<210> 6456
 <211> 1578
 <212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (1547)...(700)
 <223> similar to gi4960167 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6456

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<210> 6457
 <211> 3281
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (702)...(2987)

<223> similar to gi5689553 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6457

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<210> 6458
 <211> 4956
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (153)...(4075)
 <223> similar to gill136404 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<211> 4704
 <212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (13)...(1731)
 <223> similar to gi4884361 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6460

<211> 5773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1318)...(4281)

<223> similar to gi3882237 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6460

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<210> 6461

<211> 583

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (548)...(99)

<223> similar to gi2570154 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6461

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<210> 6462
 <211> 4790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (69)...(1134)
 <223> similar to gi5689473 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6462

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<210> 6463
 <211> 704
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (373)...(640)
 <223> similar to gi1389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6463
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 gtgaggggttc ctgtgagccg tgccctacgt cgtggctgcc cttcgggggc tctgtctact 180
 atttctctgt gccgaagacc acgtgggcag aggcgcaggg ccaactgcgc gatgccagcg 240
 cacatctggc gatgtagggg gcctggggga gcaggacttc ctgagtcgtg aactagtgc 300
 ccttgaatac tggatcggcc gcagggccgt gcaacacctg cgcaagggtc agggctactc 360
 gtgggtggac ggagtccac tcagcttcag gtagggggaag ggctcctggt gaaacctggg 420
 ggccacaggt tagactctag aggacatgtt ttgaggccga ggtgggcgga tcacctgagg 480
 tcaggagttc aagaccagca tgggaaacgt ggcgaaaccc catctctact aaaaatacaa 540
 aaaattagcc gggcggtgtg gcacacgcct gtaatcccag ctaaccttg atgtgagggc 600
 acgagaatca cttgaaccga ggaggcagag gttgcagtga gccgagattg cgccactgca 660
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<210> 6464
 <211> 4866
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(4776)
 <223> similar to gi4589590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6464
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 cgcccagttc caccgtctcg tctcctgct cctcccagga gcgccttcac cagctgccct 420

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tcacagacga	ggatggtggc	cgtcgctccc	cagccgtgcg	gccccgctca	cggagcctca	540
gccccgggcg	ctccccctcc	tcctacgaca	acgagatcgt	gatgatgaat	cacgtctaca	600
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aaaaaa						4866

<210> 6465
 <211> 1677
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1443)...(451)
 <223> similar to gi3882225 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6465	
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ttctcctgcc	tcagcctccc
120	
aaatagctgg	gactacaaga
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aatttttgta	tttttagtag
180	
agacgggggt	tcaccttggt
ggccaggctg	gtctttaact
cctgacctca	ggtgatccac
240	
ccgcctcggc	ctcccaaagt
gctgggatta	caggcataag
ccaccacgcc	cagccaggaa
300	
agtatttaaa	aacaaattaa
gcaaagatta	taaaagtttt
tgagtaaca	catttcccga
360	
aatgatcacg	atccacatca
agtctgagcc	atgttgacat
ccccacgtcg	gggcccttcc
420	
tggtggtcga	ggaatcttca
gaggtctcta	aaatatatta
aaaatgtccc	aacatttcag
480	
gacattccac	cggcttttct
tgctgggctt	cctgggtttc
ttcttgggct	ttctgggttt
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tcttttctgt	tgcttcttct
gcaggtgcag	aggaaggact
600	
tgctgacatc	tgctggtggc
tgccctgta	ggtggagtct
tccaattgct	tgccagtgt
660	
ggctgggtcc	acctgcatca
tgtgaacccc	tgtggcttcc
tcagagactg	tctgctctgg
720	
cacatgctcc	tccaggtctt
ccaggtcact	ctttgccagc
gtggctgggt	ccacctgcat
780	
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cctcagagac	tgtctgccct
ggcacatgct	cctccaggtc
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gaactcccaa	ggatgtcttc
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gatcagaagt	tcggccagtg
960	
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atgtgaactt	ctgtggcttc
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ggtgcctgcg	tctgcatggg
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ttggatgctt	caggagatg
ttctgctata	aactcctcta
1140	

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<210> 6466

<211> 1058

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(565)

<223> similar to gi4884084 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6466

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ttggggccga	ctgtggtaca	gacctccatg	agccggctcc	aggtagccct	gctgggcctg	180
agtctgctgc	tcatgtcct	actgtatgtg	gggctgccag	gccccctga	gcagacttcc	240
tgctctggg	gagaccccaa	tgccacagtc	ctggctggtc	tcaccctgg	caactcgccc	300
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catggaaagg	cctttaactc	tcacacgtgg	gagcagctgg	gcacactgca	gctactgtca	420
cagaggggct	accgggccgt	ggcccttgac	cttcagggtt	ttgggaactc	ggcaccttca	480
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gtggtgaagc	tacgcaatgc	aggccatgcc	tgttacctcc	acaagccgca	agacttccac	840
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ctggcatgag	cttgacagct	ctggaccgcc	accctccctg	aaccaggagg	acagcctctg	960
ggattggagg	ccagaggcca	gggtcagacc	cagccaggac	tcctcatttc	atctcacaga	1020
cacaataaaa	aagcatattt	gtcctgccaa	aaaaaaaa			1058

<210> 6467

<211> 1068

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (478)...(820)
 <223> similar to gi5802788 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6467

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aaatatttgc	agactggatc	caaatcagga	gcccagatga	acttaaagaa	gcgagcatgg	180
gattcttagt	ttttcaagat	ccgtacacac	gaagccttta	atcagcatca	actccagtgt	240
ccgttttctc	tggttttgtg	aagactgcac	aaaactctca	tgatggagaa	ccaaaggact	300
tagttacctg	tttcagtgtc	atctaaagtc	aactgaaaag	tgaagcaggc	agtaatacag	360
ccatggaaaag	aaattcaagt	ttatggaaga	acctaataga	tgaacaccca	gtctgcacaa	420
cctggaagca	agaggccgaa	ggagccattt	atcatcttgc	cagtatttta	tttgtagatc	480
agagtgcacg	ttgatggcga	atctctgcat	tacattttcc	cccttcagtt	cctggattct	540
cctgagtggg	attcactgag	acccacagag	gaaggcattt	ttcaggtaac	cctcactgca	600
gaaactgatt	gtcgatatgt	gtcttggagg	agaaagaaat	tatatctgct	ctttgctcag	660
catcgctaca	tctccgcgct	tttttcagtg	ctaattggca	gtgacattgc	agataaactc	720
tatgccttga	atgacagggg	atatatagga	aaaagatatc	actatgatat	tcgggctaccc	780
aaacttctatc	aaatgtcaac	tccagaaata	cgcagatcac	ccctgacaca	acatttttcag	840
aattccagac	gatactggtg	ataaatgacc	atcaaagtct	ggaaatttta	taagtataaa	900
aaaagactct	ctccttcac	attccccagt	ggaaatagca	aaatacaaaa	aaagagctcc	960
ctaattgttt	tataaatcaa	attcagaagc	gagatgccat	tgccaactgt	tttatttcctt	1020
tcaacaactg	cattgtgaat	aaactttaca	aatttttctt	gtaaaaaa		1068

<210> 6468
 <211> 1973
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(1655)
 <223> similar to gi3337394 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6468

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ccctgccggt	ggtgcgcac	ccagtggctc	tacagcgga	ggtggaacag	cggcagagca	180
ggcggcggaa	cctcccgagg	ccggtgctgg	ttcgacccgg	accgctgctg	gtttcggcgc	240
ggcggcggga	ggtgaaccag	ccggcgcgcc	tcacactggg	ccgttgggag	cgcgcgccgc	300
tagcctctca	aggctggaag	agtcgacgcg	cgcgtcggga	ccacttctcc	atcgagcgcg	360
cgcaacagga	ggcgccagcg	gtgcgaaagc	tctcgtctaa	gggcagcttt	gctgaccttg	420
gggcctggaa	gccccgtgtg	ctgcacgcac	tacaggaggg	ctgcgcctga	agtcgttcaa	480
gcccacaacc	gtgcagtcga	gcacatccc	ctcactactt	cgcggccgcc	atgtcgtttg	540

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cgccgcagaa accggcagtg gcaagactct cagctacctc ctgccgctgc ttcaacggct 600
cttggggcca cccaagcctg gactcccttc ctatccccgc gccccgagge ctggtccttg 660
ttccttcccc agaattggcc caacagggtgc gggctgtggc ccaacccttg ggccgctcct 720
tgggcctgct ggtgcgggac ctggaggagg gccacggcat gcgtaggac aggctgcagc 780
tgtccagaca gccttcagca gatgtgcttg tggccactcc aggggctctg tgggaaggccc 840
tgaaaagtcg actgatcagt ctggagcaac tctccttctt ggtgttggtg gaggcagaca 900
cactgctgga tgaaagcttc ctggaaactgg tggactacat cttagagaag agccacatag 960
cagaaggccc agctgacttg gaagacccct tcaatcccaa agctcagtta gtgctggtag 1020
gagccacatt tcccgaagg gttaggccagt tgctgaataa agtcgccagc ccagatgctg 1080
tcaccacat caccagctcc aagctccact gtatcatgcc tcatgtgaaa cagacatttc 1140
tgagactgaa gggagcagat aaggtggccg agctggtgca catcctcaag catcgtgaca 1200
gagcagaaa gactggtccc tcaggaactg ttctggtgtt ctgtaatagc tccagcactg 1260
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tacttctctg cacagacata gcctctcggg gcctggacag cactggtgtg gagctgggtg 1440
tcaattatga tttcccccca acgctgcaag attacatcca cagagcaggg agagtgggcc 1500
gtgtggggag cgaggtgcca ggcaccgtca tcagttttgt gacccatccc tgggatgtga 1560
gcctggttca gaagattgag ctggcggctc gccgaaggag aagtcttcca ggactagcat 1620
cctcggtgaa agagcctttg cccaagcaa cctgattttg acaaatctga ttaaaatgtg 1680
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gtacgctgct ggccagcatt ggagaagaag ctgctgagca tggctttctg tagtctttag 1860
caagacacaa gtggattttg actttgtatc atgtcatgat ttctaacaat aaatgatgtt 1920
tttatgtgca aaaaaaaaaa aaagaggggc cccccttata aaaaaacaca ttg 1973

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<210> 6469

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (680)...(214)

<223> similar to gi491284 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6469

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tgaaatcaaa acttccacga tagcaatgct gattggacaa agaattgtgt gtggacacaa 180
aaccaaactc tggaggacag aggattcatt ccaaggtaga gatggattcc tggaaatacc 240
tcctcaaggc cagggtagag ccctcaatca cccactgccc ccagcttctc cttctcccat 300
ctcctgcacc aagcagggtc ccagggtgtc cagctgctga tgacgtaaag tgtggagttg 360
gtccaggaag gtcattgttc atgcagcacg aggagcgctt tgtgtgagaa gttgaagacc 420
tgctgtaaca catcatagag gaaagacata gcctggggcc ttctgcaact ggctgacttc 480
caccttctcc tgggggaatc tgaagtcact tctgtccttt agacacaaga agggagagat 540
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gcaggttata tcctagagat ccagaagagc cacagctgca cactctagg gctgccagta 660
gaggggaag gagggccatt gagaaatcag gatgcttttg gcctggatga gctgagggtc 720
tcataaaacc ttggtatcta gggtctatga agacattcta tctatgcatg gctttaatgg 780

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agcacaata	gttttcattt	ttctgagcat	ttctctaaat	ttttaattcc	atttattgtt	840
ttcatttaca	tggcttctat	atcagcatcc	acaacctttt	ggccaccagt	ttggtggaag	900
ataatttttc	cacgaaaaat	ggggtcaggg	agggaaatgct	ttcagaggca	ttagattctc	960
attaggagac	cacaacctag	atccttcgca	tctgcacttc	acaatagggg	tcctgctctt	1020
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tatatacttt	tagcccagat	cctagcctcc	agttttaccc	tccattttgc	ataggaaatc	1380
aggatccctg	ggccctatgg	gtttctgtat	tcagttagca	aattacctat	ctctggaaat	1440
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<210> 6470
 <211> 3380
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (33)...(3065)
 <223> similar to gi3811347 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6470						
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cctacctgga	caaaccacca	actccgctcc	acttctaccg	ggactgggtc	tgccccaaaca	180
ggccgtgcat	tatccgcaac	gctctgcagc	actggccggc	cctccagaag	tggtcctctc	240
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tcgggctcag gtggcactgt cccagggtcc aggtcagggg ctgggagctc ccttgccct 3240
cagcagtttg cagtggggtg aggaggccaa gccatttgt gtaatcccc aaaaccccc 3300
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<210> 6471
<211> 2851
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (845)...(1738)
<223> similar to gil172105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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ggctaaaggc cttgtcaagc tgaccaggc ggccgtggaa acccacctgc agcacttggg 180
catcgagggg gagctgatca tggcgccag ggccctgcag tccacggctg tggagcagat 240
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cttcggcggc	ccagaagggg	agttccactt	ctcagtcctg	catgcagccg	gagcctccac	360
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cagcgagggc	ccagctcctg	cctacgtggc	cagtggaccc	tttagagaag	ccgggttccc	480
cggccaggcc	tcctcccctc	tgggcagggc	caacgggagg	ctctttgcaa	acccagaga	540
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tccttcctct	gtccggagag	gcacaggtgt	caccagttcc	agccaaaggc	tcctcacagg	2760
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<210> 6472

<211> 1897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1282)...(265)

<223> similar to gi3877424 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6472

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gtccgggccg	ggaggctcag	cggtcggcac	tggagcgcag	gtcggtagtg	aggggatcgt	300
gctggatcgt	ctggtgcagc	atcagggccg	gcaatcccgc	gcggtttgtc	atggctgtgc	360
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aatgctcagc	cctgcctgat	ctgtaccgac	atgcatgacc	acctgaaaac	acctggcccc	1860
actctgtcta	cccagggttg	gtgggggtgt	tctgccc			1897

<210> 6473

<211> 1584

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1577)...(482)

<223> similar to gi307221 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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aacctctcat	agcaaatatt	tgagaaaaca	aatttatatt	cagattctta	ttttcagtag	180
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tgggaagacg	gctcccattc	cagggtagag	ggcttcggca	gccccctatg	ctgtacattg	720
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cggggctccc	cgcgcgcggg	cgccgacacg	gaggtgtaga	aatacctcat	ggagtgggag	1500
ccggccaagc	tctcggtcag	ggccactgcc	ccccagagca	gcaggaggac	ggttcggggc	1560
gccatgacca	gcattctcggc	gtct				1584

```
<210> 6474
<211> 3611
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (79)...(3400)
<223> similar to gi31768 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6474						
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gagccctgct	gtctccggcc	cctccccagt	cagggggccc	ccagtgtggg	gacagaagga		180
ctgtctggcc	cgcccttctg	ccaccaagct	aacctcatgt	ccggcccca	cagttatggg		240
ccagccagag	agaccaacag	ctgcaccgag	ggcccactct	tttcttctcc	ccggagtgca		300
gtcaagttga	ccaagaagcg	ggcactgtcc	atctcacctc	tgtcggatgc	cagcctggac		360
ctgcagacgg	ttatccgcac	ctcaccagc	tccctcgtag	ctttcatcaa	ctcgcgatgc		420
acatctccag	gaggctccta	cggctcatctc	tccattggca	ccatgagccc	atctctggga		480
ttcccagccc	agatgaatca	ccaaaaaggg	ccctcgccct	cctttggggt	ccagccttgt		540

ggccccatg	actctgcccg	gggtgggatg	atccacatc	ctcagtcccg	gggacccttc	600
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ttggaagggtg	atatgtccag	ccccaaactcc	acaggcatac	aggatcccct	gttgggggatg	720
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gattcctagct	cgctgcgaaa	acatgtcaag	acagtgcattg	gtcctgacgc	ccatgtgacc	1260
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<210> 6475
 <211> 2583
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (300)...(2333)
 <223> similar to gi2584767 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6475

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agaacacaga	aatactgcat	tgacccgaga	ccatttgtga	aaaaccttcg	cctggagtgga	540
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ccactgaaac	aggttggtct	tgctgcact	cagtggctct	aatctcaaga	acctttcttt	660
ctatctatgt	ggctgggtctg	gatggaaaaa	tcgtgaaaag	cattgtggaa	aagaagcctc	720
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acagtgcaat	aaggtaccct	ggaatgcaaa	ttggctttgg	ccttcagaac	tcgccttagt	840
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ttttgtcttt	ttgtagagat	gtatgttgcc	caggcttgct	ttgaactctg	aacaattctc	2520

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 ttt 2583

<210> 6476
 <211> 2332
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1000)...(1865)
 <223> similar to gi3820985 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6476
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 tacatacggg cttgagactc ccaaggcagt accccggggtc gtcctctgca aggttgcccc 180
 ggtgggtgct tgactcccag ctggcgtccc gggagcccgg ggtggagtcc atggagggag 240
 agcgaacggg gaatggttga gggggcctgg agtgggggga gggggcgggt gaggcaaggc 300
 ccggcccgcg acaagtcctg cctctgggcc ccgggagcgt cctccctgtg tccgggacgg 360
 gcgagggcct aatgctatgg acagcggaga ggccctggcg ggcacagcgg ggactgaggg 420
 ctcaagtggg cgggtggcgc gattcggcca agggcccgcg ggcccaacac tttcgccgct 480
 gaactggtaa gtgaacttct tcttcaactt cttgaactcg ccggtcttgc cagtaggttc 540
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 gggctcagtg gggctctccc gttgcttgtc attcccctag agatggggac catgctgcgc 1140
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ggtgtgcaca	tgtggccaga	ggtgtgtgcg	cgagaccgac	actgtgatcc	ctgtgctggg	2280
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<210> 6477
 <211> 4593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4594)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (119)...(1325)
 <223> similar to gi2894086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6477

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<210> 6478

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (733)...(376)

<223> similar to gi495861 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6478

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<210> 6479

<211> 5999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (362)...(1616)

<223> similar to gi4240132 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6479

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<210> 6480

<211> 3893

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (186)...(2801)

<223> similar to gi3153821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6480

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acatgagcaa	agtaaatttg	gaggttataa	agccttggat	aacaaaaaga	gtaacggaaa	360

tccttggggtt	tgaagatgat	gttgtgattg	agtttatatt	caaccagctg	gaagtgaaga	420
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caaaagggtg	ccacagtgtc	ttagtacat	tctttcattg	acagctgaca	taattcattg	3120
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ttcttttgta	aaggcaatga	gctagtccca	gaaaggatcc	ttcagttaca	tacaatttgt	3660
ttaatgaaat	gtcatggctc	tgttcatatt	tttgtcttgt	tcttccaatt	ggtatataca	3720
actttcagag	cctcttgtat	ttggaaggct	ggaagggcc	agactttgga	atagtgtctt	3780

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ggtttcactg tttttgtttt gatttttttt tttgttttga ttttttttta aactaaagct 3840
atataaagct tgtggattaa acagaataaa tttctaaatt taaaaatttt aaa 3893

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<210> 6481
<211> 1860
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (181)...(1575)
<223> similar to gi3098311 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6481
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ccgccggcgcg cgggcgccgc agtccctctg gctgagacct cggctccgga atcactgcag 120
ccccctcgc cctgagccag agcaccgccg gtcccgccag cccctcacac tcccagcaaa 180
atgggcaagg agaagacca catcaacatc gtggtcatcg gccacgtgga ctccggaaag 240
tccaccacca cgggccacct catctacaaa tgcggaggta ttgacaaaag gaccattgag 300
aagttcgaga aggaggcggc tgagatgggg aagggatcct tcaagtatgc ctgggtgctg 360
gacaagctga aggcggagcg tgagcgcggc atcaccatcg acatctccct ctggaagttc 420
gagaccacca agtactacat caccatcatc gatgcccccg gccaccgcga cttcatcaag 480
aacatgatca cgggtacatc ccaggcggac tgcgcagtgc tgatcgtggc ggcgggctg 540
ggcgagttcg aggcgggcat ctccaagaat gggcagacgc gggagcatgc cctgctggcc 600
tacacgctgg gtgtgaagca gctcatcgtg ggcgtgaaca aaatggactc cacagagcca 660
gcctacagcg agaagcgcta cgacgagatc gtcaagggaag tcagcgcccta catcaagaag 720
atcggttaca acccggccac cgtgcccttt gtgccatct cgggtggca cggcgacaac 780
atgctggagc cctcccccaa catgccgtgg ttcaagggtg ggaagggtgga gcgtaaggag 840
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cccacggaca agccctcgcg cctgccgctg caggacggtg tacaagattt ggcggcattg 960
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gcgaagctct gcccgcgac aacgtcggct tcaatgtgaa gaacgtgtcg gtgaaggaca 1140
tccggcgggg caacgtgtgt ggggacagca agtctgacct gccgcaggag gctgctcagt 1200
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tcatcgactg ccacacagcc cacatcgctt gcaagtttgc ggagctgaag gagaagattg 1320
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ccatcgtgga gatggtgccc ggaaagccca tgtgtgtgga gagcttctcc cagtaccgcg 1440
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acgtggaaaa gaagagcggc ggcgcgggca aggtcaccaa gtcggcgagc aaggcgagca 1560
aggcgggcaa gtgaagcgcg ggcgcggcg gcgcgaccc tccccggcg cgccgcgtc 1620
cgaacccccg cccggcccc gcaccgcccc cgcggcgcg gccgtccgg cgccccgcac 1680
ccccgccagg cgcattgtct cacctccgct ttccagaggc cctcggtcag cgactggatg 1740
ctcgccatca aggtccagt gaagttcttc aagaggaaag gcgccccgc cccaggcttc 1800
cgcgccagc gctcgccacg ctcagtgcgc gttttaccaa taaactgagc gacccccaaa 1860

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<210> 6482
 <211> 964
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (231)...(741)
 <223> similar to gi309504 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6482
 tttcgtggct atgcccggac agaggatcgc ctgcgtggcc tactctctcc tcccgtaacgg 60
 cgccggaatc ccagctccac ttaccaggcc gcggctaccc cgccgtcccc cccgactccc 120
 gccaccccg ctcctcaggc tcttcaggat ccaagtccgt aggcccttta aggggtctag 180
 ttgccgtttg cgaggccctg ggacttttgt cccagacagc ggggatccgg atggcttccg 240
 tgcggatccg agaggccaag gagggagact gtggagatat cctgaggctg attcgggagc 300
 tagccgaatt cgaaaaactc tcggatcagg tgaagatcag tgaagaagcc ctgagagcag 360
 atggcttttg agacaatcct ttctatcact gtttggtagc agagattctt ccagcgcccg 420
 ggaagctact gggggccctgc gtggtgggct atgggatata ctatttcac tacagtacat 480
 ggaagggacg caccatttat ctggaggata tctatgtgat gcagaatatc ggggtcaagg 540
 gattggttcc aaaataatca aaaagggtggc tgaggtggcc ttggataagg gctgctccca 600
 attccgcctg gccgtcctgg actggaacca gagggccatg gacttgtaca aggccctagg 660
 agcccaagat ctgacggaag ctgagggctg gcacttcttc tgctttcaag gagaggcaac 720
 gagaaagttg gcaggaaagt gacgccatcc ctaggaggat ctctgtcttg agtttctcct 780
 tccccatcag ctgaagcact cttcagagac tacgtccaca gacactgatg ctgaggcctc 840
 cctggaggaa ggagggttag gggtgcctat cctcaagtat tggaagagca gaattgaggg 900
 agagaccctt cttccttggt gaggggtgaaa aataaataag aattacatgt cctgaaaaaa 960
 aaaa 964

<210> 6483
 <211> 1673
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (248)...(1390)
 <223> similar to gi3820979 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6483
 gccaggcatg gaacaccact cgtgcccgga taggccgacc ccacctggac tccacccccg 60
 cagcatgcct cgaccgcggt ccgcagggtg accgcctctc cccgcccccc aggggtgcgt 120
 ggtcccgggc gcgcgctcat acctccgcat gccgggcgtg gtcgggtaag tccccggacg 180
 tgaccatgac ccggggagct agtctccgcc cttcgtctt acggatcccc tcggagtacg 240

ccgcaccatg	cagctcaggc	tcttccggcg	cctccttctc	gccgctttgc	tgctggtgat	300
cgtctggacc	ctcttcgggc	cttcgggggt	gggggaggag	ctgctgagcc	tctcactagc	360
ctccctgctc	ccagcccccg	cctcaccggg	gccgccccct	gccctgcccc	gcctcttgat	420
ccccaaaccag	gaagcttgca	gtggtccccg	ggccccctcc	ttcctgctca	tcctggtgtg	480
cacggctccg	gagaaacctga	accagagaaa	cgccattcgg	gcttcgtggg	gcgggctgcg	540
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ccccgtgtgg	ggttcccagg	ggagtgcact	ggcctcggag	tcagcagccc	agggggatat	660
cttgaggcc	gccttccagg	actcctaccg	caacctcacc	ctaaagaccc	tcagcgggct	720
gaactgggct	gagaaacact	gccccatggc	ccgatacgtc	ctcaagacgg	acgatgatgt	780
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cagcgaggaa	gtgcctcttc	tgtacttggg	ccgggtgcac	tggcgcgtga	accctctcgc	960
gacaccgggg	ggcaggcacc	gcgtatcaga	ggagcagtgg	cctcacacct	ggggccccct	1020
tccaccctat	gcctcaggca	cggggtatgt	gctgtcagcg	tctgctgtgc	agctcattct	1080
caaggtggcc	agccgggcac	cccttctccc	attagaggat	gtctttgtgg	gggtaagtgc	1140
ccgacgagga	ggcctcgccc	caacacagt	tgtcaagctg	gctggtgcc	ccactaccc	1200
gctagaccgg	tgctgctatg	ggaaattcct	gctgacgtcc	cacaggctgg	accctggaa	1260
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tcagagctga	gagtgcctgg	ggcccacagg	aaaggcagga	acaggacctt	ctctctcccc	1440
aggcccaacg	cagggggcct	cactggctgc	agctgatctg	ttttccttat	accagatcct	1500
cagtctcact	aaagacagcg	atatgggaga	caccagggg	gcctggccc	ccagcccaaa	1560
agatggtcat	cggaagaga	aaaagaaaa	aatgctgcag	ttgttctctc	aagctagggc	1620
agaagagggg	tgtcaagctc	ctcaataaac	ttgtctccac	ttcaaaaaaa	aaa	1673

<210> 6484

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1153)...(431)

<223> similar to gi2734092 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6484

gtgggttggt	cagccactga	attacccagc	tcgccacaat	tggaaaccag	catatgagcc	60
tgaaagaaac	gcggtattgc	caacacccta	cccctaaggt	catcatagca	ttgaagacgg	120
gcttctatac	atcaacgatc	tagcatatgg	taccatgtcc	atacgcttaa	cgacgcatgc	180
agtaataacc	tcataaagat	aagtgcgcgc	taataagact	tttttttctt	tttcaaacag	240
taatgtttaa	ttgagcacct	catctccacc	ctgactctca	gggctgtgac	agctgcaccc	300
acagcaacct	gggcacggag	gcaagggggg	cccacaagtg	agggagggca	cacaaagtca	360
gagggcagca	aggaggctga	ggggcagtgg	gagtgccagg	agcagggtcc	tggatggggc	420
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ctgtaggtag	atgggtgggg	gcctcgtctc	tctggcagcc	tgcaccccag	ctcaccaatc	540
ccaccaggta	gcagcgtgcc	ctccatggag	cagaccaagg	gctctccagt	tagctcatag	600
cagaacttct	ccctgtgggt	gtcctccgca	cacatcatct	gggacttgat	gatctgaacc	660
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atgacttcct	tctcctgaat	ggtccggaac	tgaggccaca	tgccgtcagc	cttggaaggt	780

ccccagcccc	tcacagtgc	gcgggaatgg	tccttcaaca	catagtccgt	gccaggcagg	840
cagatgggcc	gcacgtaatt	gctgtacttg	agttcctgct	tgagcttgag	gaggccgatg	900
tcgttggcct	ggcccaccca	ggaccagaac	cgctggggcc	ggtacctgct	atgcatgatg	960
acctggagca	ccgggacatc	ggaggcggtc	tgcgtcatct	ggtcaatcca	cggactcccc	1020
accctcaactg	agtagataac	atcacgccag	atcaggcagt	gggccacagt	cagcaccac	1080
tgggaggcaa	tgatggtgcc	ggcacagatg	tgtgtgccat	tggcccgcac	gctgaccatc	1140
cagggccacc	gccgagccac	ggcttctggg	tccctgaggg	tggggtcctg	ctcgtaggaa	1200
aagccacagg	agcggtatgg	gtcgactttg	ccttcagaaa	ctgggaattg	ggtctccatg	1260
gtggtcgagg	gcagaattcc	tccgctctga	ctaaggatc	gaagttttat	ct	1312

<210> 6485

<211> 1350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(1140)

<223> similar to gi4929595 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6485

tgttggttg	agcgagcatg	tgggtctgca	gtaccctgtg	gcgggtgcga	acccccgcc	60
ggcagtgggc	ggggctgctc	ccagcttctg	gctgtcacgg	acctgccgcc	tcctcctact	120
ccgcatccgc	cgagcctgcc	cggttccggg	cgcttgtcta	tgggcaccac	ggggatccag	180
ccaaggtcgt	cgaactcaag	aacctggagc	tagctgctgt	gagaggatca	gatgtccgtg	240
tgaagatgct	ggcgccccct	atcaatccat	ctgacataaa	tatgatccaa	ggaaactacg	300
gactccttcc	tgaactgcct	gctgttgag	ggaacgaagg	tgttgcacag	gtggtagcgg	360
tgggcagcaa	tgtgaccggg	ctgaagccag	gagactgggt	gattccagca	aatgctggtt	420
taggaacctg	gcggaccgag	gctgtgttca	gcgaggaagc	actgatccaa	gttccgagtg	480
acatccctct	tcagagcgct	gccaccctgg	gtgtcaatcc	ctgcacagcc	tacaggatgt	540
tgatggactt	cgagcaactg	cagccagggg	attctgtcat	ccagaatgca	tccaacagcg	600
gagtggggca	agcggtcac	cagatcgccg	cagccctggg	cctaagaacc	atcaatgtgg	660
tccgagacag	acctgatatc	cagaagctga	gtgacagact	gaagagtctg	ggggctgagc	720
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cccagccacg	gcttgctctc	aactgtgttg	gtgggaaaag	ctccacagag	ctgctgcggc	840
agtttagcgc	tggaggaacc	atggtaacct	atggggggat	ggccaagcag	cccgtcgtag	900
cctctgtgag	cctgctcatt	tttaaggatc	tcaaacttcg	aggcttttgg	ttgtcccagt	960
ggaagaagga	tcacagtcca	gaccagtcca	aggagctgat	cctcacactg	tgcatctca	1020
tccgccgagg	ccagctcaca	gcccctgcct	gctcccaggt	cccgtgcag	gactaccagt	1080
ctgccttgga	agcctccatg	aagcccttca	tatcttcaaa	gcagattctc	accatgtgat	1140
catcccaaaa	gagctggagt	gacatgggag	gggaggcgga	tctgaggggc	tgggtgcagg	1200
cccctcagtt	ggggctccca	ccttccccag	actactgttc	tcctcactgc	ctcttcctat	1260
taggaggatg	gtgaagccag	ccacggtttt	ccccagggcc	agccttaagg	tatctaataa	1320
agtctgaact	ctcccttcca	aaaaaaaaaa				1350

<210> 6486
 <211> 4406
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4087)...(2093)
 <223> similar to gi439296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6486

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ttcaaagatc	aggcgtgggg	accacacact	tggcctccag	gcctaaggag	gagtgttacg	180
tgcagtagca	cccgtgggtg	tgatcccaac	caggactggg	tctgcctggg	tgctccacac	240
accaccaggg	cctagccctg	gctctgcccc	ttgactctcc	cttaacttcc	tctgggcctt	300
ggtgttctcc	tctgtaaaat	gggggtggaga	gagtggcatt	ttcactttct	cgcacattac	360
tgagcccaca	tcatgagcca	gactgtgggc	caagcacagg	taagatgatg	aagacagcaa	420
aacaaggtct	tgagttggtc	ccagcacgtc	cattcttccc	agacagctca	tgactccatg	480
gtatgaggga	tgggggtcat	ctgggtgagg	ctttttacct	gtttttgtaa	gagggaaaaa	540
agatccttgc	atgatgaggc	acagaaagga	agtttggagc	cagcattatc	ttgtgatgtg	600
atagctgaga	gaggacatca	ctctggtcca	acccccaatc	tcaccccaca	aataagggct	660
cttttttccc	ccagaggctc	tgtataagct	ctccacaagt	ttcattctct	tcctaagcct	720
cagtttcccc	atctgtgcaa	tggggagggt	ggattccata	gtctcaaact	ccaggctctg	780
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<210> 6487

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (106)...(743)

<223> similar to gi5911864 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gttgaagaca	ctgtgctttt	ctcaagaagg	acatccaaac	agcaagtcta	cttctttctc	180
tttaacgatg	tgctcattat	caccaagaag	aagagtgaag	aaagttacaa	cgtcaatgat	240
tattccttaa	gagatcagct	attggtggaa	tcttgtgaca	atgaagagct	taattcttct	300

001210" 524.88460

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acgcagagcg	agcgagccc	ctggataact	gccctgggac	acagcagcgg	gaagccgcct	480
gcagaccgaa	cctcactgac	ccaggtggaa	atcgttaggt	catttactgc	taagcagcca	540
gatgaactct	ccctgcaggt	ggctgacgtc	gtcctcatct	tatcaacgtg	tcagcgatgg	600
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ccaaggagat	aacatgtcaa	gctacaattg	ataagaatgt	ggagagaatg	ggacgcttgc	720
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<210> 6488

<211> 4600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4346)...(2670)

<223> similar to gi2326996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6488

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gaaaatttgg	ctttgcctcg	tattggcttt	ttgagttttt	ttggaatttt	cccgcggtcg	4560
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<210> 6489
 <211> 1961
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1231)...(1961)
 <223> similar to gi5360105 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gaagaaatcg	ggagtgcact	ttttgactgt	agattgttcg	aagacacatt	tgtaaatatt	1560
caagcaggta	tatgagttat	ataacatctg	agcagcatag	ttgagaaata	tcatgatatt	1620
gaaacaatat	actatacagg	tgataaaaaa	attttagaag	aatgttcatt	gttttcttaa	1680

atgagaaaag	ccaattacaa	aaacagtatg	accccgccca	cccccccaca	cacacaggaa	1740
aaaaatattg	aggtacatgt	gcacagacaa	aagctgcacc	tggtggagac	agtagttggt	1800
tgtaggtagt	tggaatatag	ggatttttgg	ctgttctttt	actgctatat	tttccagatt	1860
ttctgtatac	acacaaatac	ttttataatg	agaaaaactc	attaaaaagt	agagacaaca	1920
aaaatttgat	caaaatttga	gcatattttg	ccttgggggg	g		1961

<210> 6490
 <211> 2928
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (232)...(2773)
 <223> similar to gi4454791 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6490						
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agggttcagat	gagccccctgc	tgacttgaga	gagacagaga	gaccacgccg	attgctgaga	180
ggaactggaa	gaagaaaaat	tcccagactc	agtgggaaga	gtccctcac	catgagtagc	240
gctatgttgg	tgacttgect	cccggacccc	agcagcagct	tccgtgagga	tgccccgcgg	300
ccccagtg	cagggggaaga	aggggagacc	ccaccgtgtc	agccaggggt	gggcaaggcc	360
caggtcacca	aaccatgtc	tgtctcttcc	aacaccaggc	ggaacgaaga	tgggttggg	420
gagccggagg	ggcgggcac	tccggattcc	cctctgaccc	ggtggaccaa	gtccttacac	480
tccttattgg	gcatcaaga	cgggtgcttac	ctgttccgaa	ctttcctgga	gagggagaaa	540
tgctgtgata	ccttagactt	ctggtttgcc	tgcaatggat	tcaggcagat	gaacctgaag	600
gataccaaaa	ctttacgagt	agccaaagcg	atctacaaaa	ggtacattga	gaacaacagc	660
attgtctcca	agcagctgaa	gcctgccacc	aagacctaca	taagagatgg	catcaagaag	720
cagcagattg	attccatcat	gtttgaccag	gcgcagaccg	agatccagtc	ggtgatggag	780
gaaaatgcct	accagatgtt	tttgacttct	gatataatcc	tcgaatatgt	gaggagtggg	840
ggagaaaaca	cagcttacat	gagtaatggg	ggactcggga	gcctaaagg	cgtgtgtggc	900
tatctcccca	ccttgaatga	agaagaggag	tggacttgtg	ccgacttcaa	gtgcaaactt	960
tcgccaaccg	tggttggtt	gtccagcaaa	actctgaggg	ccacggcgag	tgtgagggtcc	1020
acggaaactg	ttgacagtgg	atacagggtcc	ttcaagagga	gcgatcctgt	taatccttat	1080
cacatagggt	ctggctatgt	ctttgcacca	gccaccagcg	ccaacgacag	tgagatatcc	1140
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ccttatcgtg	tgggcagtaa	gaaacagctc	cagagagaaa	tgcatcgag	tgtgaaggcc	1260
aatggccaag	tgtctctacc	tcatttcccg	agaaccacc	gcctgcccc	ggagatgacc	1320
ccggtggaac	ccgccacctt	tgacgtgag	ctgatctcga	ggctggaaaa	gctgaagctg	1380
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ccctcttccc	ttactgcctt	ccggcagctt	acgagggaag	gacccgcagg	acgatactgg	1560
acgatcacct	gtccagggtc	ctcaagaccc	ctggctgcca	gtctccgggc	gtaggccgct	1620
atagccctcg	ctcccgtccc	ccggaccacc	accaccacca	ccattcgcag	tacttactcc	1680
ctcgtcccgc	ccggtggcaa	gctgcctccc	gcggccgcct	cgccggggcg	ctgccccctc	1740
ctcgggggca	aaggctttgt	gaccaagcag	acgacgaagc	atgtccacca	ccactacatc	1800
caccaccatg	ccgtccccaa	gaccaaggag	gagatcgagg	cgagggccac	gcagcgggtg	1860
cactgcttct	gccctggggg	cagcagagtat	tactgctact	cgaaatgcaa	aagccactcc	1920

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aaggctccgg aaaccatgcc cagcgagcag tttggcggca gcagaggcag taccttgccc 1980
aaacgcaatg ggaaaggcac ggagccgggc ctggccctgc ccgccaggga aggagggggcc 2040
cccgccggag ctggggccct gcagcttccc cgggaggaag gagacaggtc gcaggatgtc 2100
tggcagtgga tgctggagag tgagcggcag agcaagccca agcccatag tgcccaaagc 2160
acaaaaaagg cctaccctt ggagtctgcc cgctcgtctc caggcgaacg agccagccgg 2220
caccatctgt gggggggcaa cagcgggcac ccccgcacca cccccgtgc ccacctgttc 2280
accaggacc ctgcgatgcc tcccctgacc ccaccaaca cgctgggtca gctggaggag 2340
gctgtcgca ggctagctga ggtgtcgaag ccccaaaagc agcgggtgtg tgtggccagt 2400
cagcagaggg acaggaatca ttcggccact gttcagacgg gagccacacc cttctccaat 2460
ccaagcctgg ctccagaaga tcacaaagag ccaaagaaac tggcaggtgt ccacgcgtc 2520
caggccagtg agttggttgt cacttacttt ttctgtgggg aagaaattcc ataccggagg 2580
atgctgaagg ctcaaagctt gaccctgggc cactttaaag agcagctcag caaaaaggga 2640
aattatagggt attacttcaa aaaagcaagc gatgagtttg cctgtggagc ggtgtttgag 2700
gagatctggg aggatgagac ggtgctcccg atgtatgaag gccggattct gggcaaagtg 2760
gagcggatcg attgagccct ggggtctggc tttggtgaac tggtggagcc cgaagctctt 2820
gtgaactgtc ttggtgtga gcaactgcga caaacattt tgaaggaaaa ttaaaccaat 2880
gaagaagaca aagtctaagg aagaatcggc cagtgggcct tcgggagg 2920

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<210> 6491
<211> 1556
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (647)...(843)
<223> similar to gi4104681 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6491
gaccatcact atcgccagct tggcacgagg cacacgcatg cattccaggc ggtgctgctg 60
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gagccacagc tgccctggcg ctggggccac cgaatgtgag accgagtccc tttatgtcac 180
cagcgcacac gctgatttga accctgcttc gacgtgtgtg tcatggctta aaaatagctg 240
ctaactctgt aacctgtctt gggcagaaac agcggcggcg acagcagcag gagcgtcatg 300
gccgtggcgc tgtctgcgcc ggcgatccgc ctttcggact gagggccagc gcagcgcttg 360
caaagagcag ctacctggca actgaaccca tcatcaccac agccactcct gcagctgcca 420
cggtttctgc cacctctaag atgtgccctg gtaactggct ttgggcttct atgactttta 480
tggcccgctt ctcccgaggt agctcaaggt ctctgttcg aactcgaggg accctggagg 540
agatgccaac cgttcaacat cctttcctca atgtcttcga gttggagcgg ctccctctaca 600
caggcaagac agcctgtaac catgccgacg aggtctggcc aggcctctat ctcgagacc 660
aggaagatcc tgggtgcattg tgctgtgggc gtgagccgat ccgccaccct ggtactggcc 720
tacctcatgc tgtaccacca cttaccctc gtggaggcca tcaagaaagt caaagaccac 780
cgaggcatca tcccaaccg gggcttctc aggcagctcc tggccctgga ccgcaggctg 840
cggcagggtc tgggaagcat aggggagggg gagagaggtc aggccaggcc cgtgggtagg 900
tccttggtc ccagctggag ataggaggcc cagggtggcag gtagcaggag gccagatca 960
ccatcctcc cctgggggtca ggagaggccg agccccaggc cactgtcact ctttgtggga 1020
ggggacgggg agtgagggtt ggcagtgtgg tggatgggca ccaggaagg gttgaccagg 1080
gaaggaggga gctaggctgt aaatggaaga tggctctggg attcgaacac cgctgggatc 1140
tggccagggt gctccctggg attcacagtc ccttccctc tttgtgcccc agtggttccc 1200

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tctctccctc	acaaaaacaa	aagggccatc	tctgccctgc	acttgtgcag	aaagtcaggg	1260
atacggcaag	catgaatgca	atgggtgtaga	gttgtgtgaa	acccctagca	tagagacaga	1320
cagcgaagag	atgggtgtgaa	aaagcttgca	aaccagacag	agaacccac	agactttcca	1380
ctccaagcac	aggaggaggt	agctagcgtg	tgagggttgg	cactaggccc	acggctgctg	1440
cttgggcca	aaacatacag	aggtgcatgg	ctggcagtct	tgaaattgtc	actcgcttac	1500
tggatccaag	cgtctcgagg	ataaataaag	atcatgaaaa	agaaaaaaaa	aaaaaa	1556

<210> 6492

<211> 3151

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(1809)

<223> similar to gil575609 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6492

ggtccccaag	cggagcggga	ggccggaccg	gggagccgag	cggcggcgctc	ggcggcgctcg	60
gcggcggcgg	cgacggcggc	gggggcggta	atggcggagc	tggtgcaggg	gcagagcgct	120
cctgtgggga	tgaaggccga	gggcttcgtg	gatgccctgc	accgggtccg	gcagattgct	180
gctaaaattg	attcaattcc	tcacttgaat	aattccacac	cttctagtgg	accctcagt	240
atatggatac	ggagtacaaa	aacggccctt	ggatgatgga	gtaggtaacc	agttaggggc	300
cttggtacat	caaaggacgg	taataacgga	agaattcaaa	gtgcctgaca	aaatggttgg	360
atattattatc	ggcaggggag	gtgagcagat	ttcacggatt	caagcagaat	ctgggtgcaa	420
aattcagatt	gcttcagaga	gttctgggat	tccagagagg	ccctgtgtac	ttaccggaac	480
cccagaaagt	attgaacaag	ccaaacggct	cctgggacag	attgtggacc	gctgtcgaaa	540
tggacctggc	tttcataatg	acatagacag	caacagcaca	atccaggaga	ttctcattcc	600
cgcactctaaa	gtgggtctgg	tcacgcggcag	aggaggggaa	acaatcaagc	agttgcagga	660
gcggacaggg	gtgaagatgg	tcacgatcca	ggatggccca	ttgcccacgg	gagcagacaa	720
gcctcttcgt	atcactggag	atgcatttaa	agtacagcaa	gcaagagaaa	tggtactaga	780
gattatccga	gaaaaagacc	aagctgactt	tcggggtgta	cgcggcgatt	tcaactctcg	840
aatgggagga	ggcagtatag	aggtatctgt	gcctaggttt	gctgtgggga	ttgtaatatg	900
aagaaacggg	gaaatgatca	aaaagatcca	gaatgatgct	ggtgtgagga	ttcagtttaa	960
accagatgat	gggattagtc	cagaaagagc	tgcccaggtc	atgggccctc	cggatcggtg	1020
tcagcatgca	gcgcataatc	tcagcgagct	gattcttaca	gcccaggaaa	gagacggctt	1080
tggaggcctg	gcagcagcca	gaggaagagg	tcgtggccgt	ggcgactgga	gcgtgggagc	1140
ccctggtggc	gtccaggaga	taacatacac	ggtgccagcc	gataagtgtg	gcctcgtcat	1200
aggcaaagg	ggtgagaaca	tcaaaagcat	caaccagcag	tcaggggcgc	acgtggagct	1260
tcagaggaac	ccccctccca	acagcgaccc	caacctgcgg	agattcacca	tcaggggggt	1320
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aaataccttt	cctccaagga	gctccgggtg	cttcccaaac	atggctgcca	aggtgaatgg	1500
gaacccccac	agcacccttg	tgagtgggtc	tccggccttt	ctgacccagg	gctggggcag	1560
cacctaccag	gcgtggcagc	agcccacaca	gcagggtcca	agccagcaga	gccagccgca	1620
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cgccagcgct	gctcctcagg	ccagctcccc	accggactac	acaatggcct	gggcagaata	1740
ttacagacag	caggtcgctt	tctacggaca	gacgttaggg	caggcgaggg	cccacagcca	1800
ggagcagtag	gacagcgctc	tcgtggccaa	ctctcccctc	aaaatcattg	tcaaagaaaa	1860

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cctatttgta acagagggtt ttacatttgc aaaccttttg atgaagaact gttgttttgt 1920
tctgtgaaac actataattta gattaacgga atttttctaa aaatcaggaa aattagttac 1980
taaaaattgc tgatcatttt tgtttcatta tttttggtat ttcaaagtga taagctctgg 2040
gattcctttt ggagcaatac ctacaaagtc aggcaccaga atgtgcctca gagctgtgac 2100
atttcaacat gatgggtttt gtttggtttg gttttgtgtc ctttttattt gcagtttttt 2160
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tcagaaatat aaatactgtt atttttaata ttaagaaatt caatataact tttaacacac 2640
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gaaatgtact gaagttacag tttctggttt tttctcctta tttttcttat aatgcttgaa 3000
atgtctaact attaaaaaag acaattggaa aatgttatgc atgggggttt taagaaaaca 3060
aagtgttctt tttatttgac tgacaattca ttttacactc tatataataa aatctccaca 3120
aggcatcttg tgggcaaagt caaaaaaaaa a 3151

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<210> 6493

<211> 1938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1939)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (355)...(1443)

<223> similar to gil1710292 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6493

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cgagcccgga gacttgccct gcaatgccat gtttgtgtat gtgctctaac tcccggagag 60
caatcaggga gacggctccc cggccagact tggctgatgt tttcttgttt ctgtttcagc 120
cttcaggata attccttcag cagcaccact gtaacagagt gtgacgaaga tccagtctct 180
ctacatgaag accagactga ttgctccagt ctacagagatg aaaacaataa agagaactac 240
cccgacgcag gggctctggg agaagagcac gcgccgccct cttgggagcc gcagcagcag 300
aatgtagagg cgaccgtgct ggtggacagc gtattgcgac ccagcatggg caacttcaag 360
tccaggaagc ccaagtccat cttcaaagcg gagagcggga ggagccacgg agaaagtcag 420
gagacagagc atgtggtatc cagccagtca gagtgtcagg tgagagcagg aacaccagct 480
catgagagtc cacaaaacaa tgccttcaag tgccaagaaa ccagtgcgac ttccaaccaa 540
gaatagacca gaggactgcc acttcgccaaggatgtctt tgaaactcgg ccaggactta 600

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aatgaggaag aagctgctca ggtgcatgga gtcaaggacc cggcgccagc atcaaccag 660
agcgtgcttg ccgaatggga cagattctgc agaccctca ccagtccaca aagatgggca 720
gaatgaggcc gacagtgcac cagaagacct ccactctgtg gggaccagca ggctgcttct 780
attcacatca ctgatgggtga taacccact gctgttcgcc acggttggtc cctctttcag 840
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ccatcaccca gctcaccaag cacatccaga gcctcaagcg gaaaattcgg aaatttgaag 1020
aaaaatttga acaagaaaaag aaataccggc cttcacatgg tgacaagact tctaattcctg 1080
aagtcctgaa atggatgaat gatttggtc aaggtcgtaa acagctcaaa gaactaaagc 1140
taaagctgtc agaagaacaa gggagtgtc ccaaaggtcc acctagaaac ctggtgtgtg 1200
agcaaccac agtcccaga gaaagtggga aaccggaagc tgcgggcccg gagccaagct 1260
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ttcctcccca ggaggattct aaggtaacta agcaagacaa gaacctcata aagccgcttt 1380
atgaccgata cagaattatc aagcaaatct tgtcaacacc ttcccttatt ccaacaattc 1440
aggaggaaga ggactctgat gaagaccgtc cacagggaag ccaacaacct tctttggcag 1500
atccagcatc tcaccttctt gttggtgacc acctcaccta ctctaagag actgagcctg 1560
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atttacatga ggctaccatg cctgtacttc ttgaccatct ccgagaaact agggctgaca 1680
agaagagact gcggaagcc ttaagagaat ttgaagaaca gttttttaa caaacaggaa 1740
gaagtccaca aaaggaagat aggataccaa tggcagatga gtattatgaa tatagcaca 1800
taaaggccaa actgagactt ttggccccc cagccggatc atatttccc cntgnnnnnn 1860
nnnnnnnnnc ggnaaatgtt atgatcactt tcacccatga tataaagtaa agtttatatt 1920
cctctgcaaa aaaaaaaaa 1938

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<210> 6494

<211> 4192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (217)...(2605)

<223> similar to gi31478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6494

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ccgggcccaca ggcagtgcac aggcacctgg gagccgaggc cctatgacca ggccaaggag 180
acgggcgctc cagggtccca gccacctgtc ccccccattg agctgaggcc ctgggtgcta 240
tgggtggtag cagcaacagg aaccttggtc ctgctagcag ctgatgctca gggccagaag 300
gtcttcacca acacgtgggc tgtgcgcac cctggaggcc cagcgggtggc caacagtgtg 360
gcacggaagc atgggttctt caacctgggc cagatcttcg gggactatta ccacttctgg 420
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agggagcctc aagtacagtg gctggaacag caggtggcaa agcgacggac taaacgggac 540
gtgtaccagg agcccacaga cccaagtgtt cctcagcagt ggtaccttgt ctggtgtcac 600
tcagccggga cctgatggtg aaggcggcct gggcgagggg ctacacaggg cacggcattg 660
tgggtctccat tctggacgat ggcacgcaga agaaccaccc ggacttggca ggcaattatg 720
atcctggggc cagttttgat gtcaatgacc aggaccctga ccccccagcct cggtagacac 780
agatgaatga caacaggcac ggcacacggt gtgcggggga agtggctgcg gtggccaaca 840

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acggtgtctg	tggtgtaggt	gtggcctaca	acgccccgat	tggaggggtg	cgcatgctgg	900
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acatctacag	tgccagctgg	ggccccgagg	atgacggcaa	gacagtggat	gggccagccc	1020
gcctcgccga	ggaggccttc	ttccgtgggg	ttagccaggg	ccgagggggg	ctgggctcca	1080
tctttgtctg	ggcctcgggg	aacggggggc	gggaacatga	cagctgcaac	tgcgacggct	1140
acaccaacag	tatctacacg	ctgtccatca	gcagcgccac	gcagtttggt	aacgtgccgt	1200
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agaagcagat	cgtgacgact	gacttgcggc	agaagtgcac	ggagtctcac	acgggcacct	1320
cagcctctgc	ccccttagca	gccggcatca	ttgctctcac	cctggaggcc	aataagaacc	1380
tcacatggcg	ggacatgcaa	cacctggtgg	tacagacctc	gaagccagcc	cacctcaatg	1440
ccaacgactg	ggccaccaat	ggtgtggggc	ggaaagttag	ccactcatat	ggctacgggc	1500
ttttggacgc	aggcgccatg	gtggccctgg	cccagaattg	gaccacagtg	gccccccagc	1560
ggaagtgcac	catcgacatc	ctcaccgagc	ccaaagacat	cgggaaacgg	ctcgaggtgc	1620
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aggcgcggt	caccctgtcc	tataatcgcc	gtggcgacct	ggccatccac	ctggtcagcc	1740
ccatgggcac	ccgtccacc	ctgctggcag	ccaggccaca	tgactactcc	gcagatgggt	1800
ttaatgactg	ggccttcacg	acaactcatt	cctgggatga	ggatccctct	ggcgagtggg	1860
tcctagagat	tgaaaacacc	agcgaagcca	acaactatgg	gacgtgacc	aagttcaccc	1920
tcgtactcta	tggcaccgcc	cctgaggggc	tgcccgtagc	tccagaaagc	agtggctgca	1980
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<210> 6495
 <211> 2026
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (87)...(688)
 <223> similar to gi5410276 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6495

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cgctccgcttc	tgggtcatgag	aggagacaga	ggcctgaagc	aaagacatct	gggtcagaga	180
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gaagcagtga	ggatgcctca	acccctcagt	gtgtccacac	aagattgaca	ggagaggggtt	300
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<210> 6496
 <211> 2401
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (210)...(1774)
 <223> similar to gi5410230 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6496

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gcgacaccag	acggagcctc	cggagttcct	ccgccccac	ctcgccgggt	cctggagccg	180
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ggtatgtgaa	tggccatgca	aaaaaacatt	atgaagatgc	acaagtacct	ttaaccaacc	420
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<210> 6497
 <211> 6976
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (374)...(2644)
 <223> similar to gi3413860 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6497

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ccgagctctg	gagtcccaga	agcggcagca	ggagatggtc	ctgaggagga	agaccacagga	180
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<210> 6498

<211> 3010

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (205)...(2559)

<223> similar to gi38420 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6498

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<210> 6499

<211> 1953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (390)...(1728)

<223> similar to gi3170538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6499

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<210> 6500

<211> 5259

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5202)...(2146)

<223> similar to gi3327108 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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tctgggggta	actggggcac	aattttagt	tgtgtgtgat	gtgtgagact	ctccagacgt	5220
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<210> 6501

<211> 3686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (362)...(3689)

<223> similar to gi2224665 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6501

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ggttttgggc	gaggagagct	cagagagttt	cttgcatatg	gccctgtgat	ggcgcccatg	240
gccctgcata	gacacgagct	ggaatctgca	ggtggcagcc	aggacgtgc	gtgtgtcgag	300
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tccatccccg	gccagccacg	gacccacgca	tggaccacgc	gacccacgga	cctgcttacc	480
tgggcgcggc	gcgggtggca	tgcggccaca	cgggaaggggc	gcgctgggct	gctgcggcct	540
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cccgctctgt	gctgccgaca	tccaggacca	gctaaagaag	cgctttgctt	acctgtccgg	660
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accacgagaa	gggaggcccc	gatgcgctgc	gcgtgaggag	cggggacgtg	gtggagctgg	3660
tgcaggaggg	cgacgagggc	ctctgg				3686

<210> 6502
 <211> 899
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (11)...(634)
 <223> similar to gil045059 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6502
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 gctgctccca ccgcccgcac ggtgcccacg ccgggcgctg cacaagcaga aagacggcac 120
 tgagttcaag agcatctaca gcctggacaa gctctacccc gaatctcagg gctcggacac 180
 cgcttgagg gtcccgaaatg gtgcaaagca agccgacagt gacatccctc tagatcgctt 240
 gacaatatct tattgtcgga gtagtgggtcc tggggggcag aatgtgaaca aagtgaattc 300
 caaggcagaa gtcagggttcc atttggcaac tgccgagtgg atcgcgagc ccgtgcggca 360
 gaagatagcc atcacgcata aaaacaagat caacagggtta ggagagttga tcctcacctc 420
 tgagagcagc cgctatcagt tccggaatct ggcagattgc ctgccagaaa attcgagaca 480
 tgatcactga gcccagccag acaccgaagg agccaacaaa agaagatggt aaacttcata 540
 gaatccatgg atagaaaaca tgaatcgggg aaggctgaga caaaagagaa ttcatctctg 600
 tgtaaagaca agcaggaggg tcgacatgga ctgaaatcac cctctgcagc tgggagggct 660
 cttctgggcg tccgggcagc tgcagctgag aggactttca caccataagg agatttctgt 720
 ttttcttttt ggctgttaat gcttgtctat aacattggag ccatcacaag aatgttcatt 780
 tggaatgaag gctgcaggca ctggttgcag acgtctttat aggcagtcac catgttgtca 840
 aaccttaata atgcacctca tgtattagtc acaataaaaa tcagaactca aaaaaaaaaa 899

<210> 6503
 <211> 5148
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(5149)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (642)...(5148)
 <223> similar to gi3880812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6503
 ggcggtagtgc cgctggctgc tgcccgggtc tggcagaact cgggtttttt gggctgagac 60
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cggttaggcc	ggtagggcct	gcggtccggc	ctgcgggaga	actgggtcgt	cagtcctccg	180
agtggtaggg	ctggggactt	tgaggaggtt	ggctctaggg	cacagtcctt	gcctggccag	240
gtcggaggaa	caagtgtctg	gatctggcgt	gtgtgtctca	ggggctcttt	ccgcggccct	300
ttccacctct	tttcaacttt	gggacggtag	gcctttataa	acggactaat	gctgggtgat	360
ttgttcctgt	ggttgttgat	gccgaggaaa	gactctgggc	cccaggactc	acctaaactg	420
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tgagaagctg	ttctcagcca	cgagtcctgt	gcaagatcac	taatgattac	ctggcatttc	540
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aagcctccat tctccatccg ctgctggag gtgtcggacg atcaggacac cggggacact 3720
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<210> 6504
 <211> 4591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(1298)
 <223> similar to gi3327200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gtctgcccgg ccaagaggca aaggggaggt tacgcagcaa accatccaga agatgctgga 180
cgagaaccac cacctgatcc agtgcactct ggagtaccag agcaagggca agacggccga 240
gtgcacgcag taccagcaga tctgcaccg gaacctggta tacctggcca cgatgcgaga 300
ctccaaccag aacatgcagt ccctgcttcc tgccccgccc acgcagaaca tgaacctggg 360
ccctggagcc ctgactcaga gcggctccag ccagggcctg cactctcagg gcagcctgag 420
tgacgccatc agcacgggccc tgccaccctc ctccctcctg cagggccaga ttggcaacgg 480
gccgagccac gtgtccatgc agcagacggc gcctaacacg ctgcccacca cctccatgag 540
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gcactaccag	ggccagtcgt	ccatcgccat	gatggggcag	ggcagccagg	ggagcagcat	780
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<210> 6505

<211> 2312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (321)...(1264)

<223> similar to gi545998 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters.

<400> 6505

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tgcaacgggtg	cgatctcggc	tcatcacaac	ctccacctct	cgggttcaaa	cgattctcct	240
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aattttggaa	attttcttta	aaaaagggaa	ggttttttaa	cccaatggcc	aaaaactttg	2280
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<210> 6506
 <211> 2202
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (492)...(1105)
 <223> similar to gi5824409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6507
 <211> 3393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (393)...(2700)
 <223> similar to gil296666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6507						
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<210> 6508

<211> 1895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (126)...(1550)

<223> similar to gi5442030 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6508

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ctgggaaagc	tatatgcaag	aatggcatct	ctaagaggac	ttttgaagaa	ataaaagaag	240
aaatagccag	ctgtggagat	gttgctaaag	caatcatcaa	cctagctggt	tatggtaaag	300

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ggctggagaa agttcacctg gagccagtga gaatacccca ctgggagagg ggagaagaat 480
cagctgtgat gctggagcca agaattcata agatagccat cctgggtctt ggagcagca 540
ttgggactcc tccagaaggc attacagcag aagttctggt ggtgacctct ttcgatgaac 600
tgcagagaag ggcctcagaa gcaagaggga agattgttgt ttataaccaa ccttacatca 660
actactcaag gacggtgcaa taccgaacgc agggggcggt ggaagctgcc aaggttgggg 720
ctttggcatc tctcattcga tccgtggcct ccttctccat ctacagtcct cacacaggta 780
ttcaggaata ccaggatggc gtgcccaga ttccaacagc ctgtattacg gtggaagatg 840
cagaaatgat gtcaagaatg gcttctcatg ggatcaaaat tgtcattcag ctaaaagatg 900
gggcaaagac ctaccagat actgattcct tcaacactgt agcagagatc actgggagca 960
aatatccaga acaggttgta ctggtcagt gacatctgga cagctgggat gttgggcagg 1020
gtgccatgga tgatggcggg ggagccctta tatcatggga agcactctca cttattaaag 1080
atcttgggct gcgtccaaag aggactctgc ggctggtgct ctggactgca gaagaacaag 1140
gtggagtggg tgccttccag tattatcagt tacacaagggt aaatatttcc aactacagtc 1200
tggtgatgga gtctgacgca ggaaccttct taccactggg gctgcaattc actggcagtg 1260
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gagccagtct acttgatgac ttatacaagt atttcttctt ccatcactcc cacggagaca 1440
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aaagaaaccg ttttcatgct tctggcccag gaatccctgg gtctgcaact ttgggaaaac 1620
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ctttctcggtt attatctttc ttggatactt tccaaattct ctggattcta ggaaaaaggg 1740
aatcattctc ccctcccctc cccacccaca tagaatcaac atatggtagg gattacagtg 1800
ggggcatttt ctttatatca cctcttaaaa acattgtttc cactttaaaa agttaaacac 1860
ttaataaatt tttggaata atctgaaaaa aaaaa 1895

```

```

<210> 6509
<211> 1678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (146)...(1264)
<223> similar to gi927040 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 6509
gaggcagtaa ggacttggaac tcctctgtcc agcttttaac aatctaagtt acgccctctt 60
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ctgctacttt ggattggcca cgatgggctg gagctgcctt gtgacaggag caggagggct 180
tctgggtcag aggatcgctc gcctgttggg ggaagagaag gaactgaagg agatcagggc 240
cttggaacag gccttcagac cagaattgag agaggaattt tctaagctcc agaacaggac 300
caagctgact gtacttgaag gagacattct ggatgagcca ttctgaaaa gagcctgcca 360
ggacgtctcg gtcgtcatcc acaccgcctg tatcattgat gtctttgggtg tctactcacag 420
agagtccatc atgaatgtca atgtgaaagg taccagcta ctgttgagg cctgtgtcca 480
agccagtgtg ccagtcttca tctacaccag tagcatagag gtagccgggc ccaactccta 540
caaggaaatc atccagaacg gccacgaaga agagcctctg gaaaacacat ggcccaactc 600

```

00450725-012400

ataccggtac	agcaaaaagc	ttgctgagaa	ggctgtgctg	gcggctaata	ggtggaatct	660
aaaaaatggt	gataccttgt	acacttgtgc	gttaagaccc	cacatatatc	tatggggaag	720
gaggccatt	cctttctgcc	agtataaatg	aggccctgaa	caacaatggg	atcctgtcaa	780
gtgttgga	gttctctaca	gtcaacccag	tctatgttgg	caacgtggcc	tgggccaca	840
ttctggcctt	gagggctctg	cgggacccca	agaaggcccc	aagtgtccga	ggtcaattct	900
attacatctc	agatgacacg	cctcaccaaa	gctatgataa	ccttaattac	atcctgagca	960
aagagtttgg	cctccgcctt	gattccagat	ggagccttcc	tttaaccctg	atgtactgga	1020
ttggcttcc	gctggaagta	gtgagcttcc	tactcagccc	aatttactcc	tatcaacccc	1080
ccttcaaccg	ccacacagtc	acattatcaa	atagtgtgtt	caccttctct	tacaagaagg	1140
ctcagcgaga	tctggcgtat	aagccactct	acagctggga	ggaagccaag	cagaaaaccg	1200
tggagtgggt	tggttccctt	gtggaccggc	acaaggagac	cctgaagtcc	aagactcagt	1260
gatttaagga	tgacagagat	gtgcatgtgg	gtattgttag	gaaatgtcat	caaactccac	1320
ccacctggct	tcatacagaa	ggcaacaggg	gcacaagccc	aggctcctgct	gcctctcttt	1380
cacacaatgc	ccaacttact	gtcttcttca	tgtcatcaaa	atctgcacag	tcactggccc	1440
aaccagaact	ttctgtccta	atcatacacc	agaagacaaa	caatatgatt	tgctgttacc	1500
aaatctcagt	ggctgattct	gaacaattgt	ggtctctctt	aacttgaggt	tctcttttga	1560
ctaatagagc	tccatttccc	ctcttaaagt	agaaagcatt	tcttttctct	ttaatctcct	1620
attccttcac	acagttcaac	ataaagagca	ataaatgttt	taatgcttaa	aaaaaaaa	1678

<210> 6510

<211> 2359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (501)...(1246)

<223> similar to gi3882271 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6510

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cggtttccct	gcgcgtccct	ggcgcgaccc	gcggacagcg	gcagcccctt	ttccggctga	120
gagctcatcc	acacttccaa	tcactttccg	gagtgtctcc	cctccctccg	gcccggtgctg	180
gtcccagcgg	cgggcctggg	tctcgcgcg	gtattgtctg	gtaacggggc	ttctcccgcg	240
tgggcccggc	ccctcctgcc	tgggtcgtc	cctccttcca	gaacgtcccg	ggctcctgcc	300
gagtcagaag	aaatgggact	ccctccgcga	cgtgcccggg	gcagctccct	tcgctgtgga	360
agcggcggtg	tcttcgaaga	aaccggaagc	ccgtggtgac	ccctggcgac	ccggtttggt	420
ttcggtccgt	ttccaaacac	taaggaaatc	aaactcggcg	gccttggggg	cggccctacg	480
tagcctggct	tctggttgct	atggatgcac	tggtagaaga	tgatatctgt	attctgaatc	540
atgaaaaagc	ccataagaga	gatacagtga	ctccagtttc	aatatattca	ggagatgaat	600
ctgttgcttc	ccattttgct	cttgctactg	catatgaaga	catcaaaaaa	cgacttaagg	660
attcagagaa	agagaactct	ttgttaaaga	agagaataag	atTTTTtgaa	gaaaagctaa	720
tagctcgatt	tgaagaagaa	acaagttccg	tgggacgaga	acaagtaaat	aaggcctatc	780
atgcatatcg	agaggtttgc	attgatagag	ataatttgaa	gagcaaaactg	gacaaaatga	840
ataaagacaa	ctctgaatct	ttgaaagtat	tgaatgagca	gctacaatct	aaagaagtag	900
aactcctcca	gctgaggaca	gaggtggaaa	ctcagcaggt	gatgaggaat	ttaaatccac	960
cttcatcaaa	ctgggaggtg	gaaaagttag	gctgtgacct	gaagatccat	ggtttggaac	1020
aagagctgga	actgatgagg	aaagaatgta	gcgatctcaa	aatagaacta	cagaaagcca	1080
aacaaacgga	tccatatcag	gaagacaatc	tgaagagcag	agatctccaa	aaactaagca	1140

```

tttcaagtga taatatgcag catgcatact gggaactgaa gagagaaatg tctaattttac 1200
atctggtgac tcaagtacaa gctgaactac taagaaaact gaaaacctca actgcaatca 1260
agaaagcctg tgcccctgta ggatgcagtg aagaccttgg aagagacagc acaaaactgc 1320
acttgatgaa ttttactgca acatacacia gacatccccc tctcttacca aatggcaaag 1380
ctctttgtca taccacatct tcccctttac caggagatgt aaagggtttta tcagagaaag 1440
caatcctcca atcatggaca gacaatgaga gatccattcc taatgatggg acatgctttc 1500
aggaacacag ttcttatggc agaaattctc tggaagacaa ttcctgggta tttccaagtc 1560
ctcctaaatc aagtgcagaca gcatttgggg aaactaaaac taaaactttg cctttaccca 1620
accttccacc actgcattac ttggatcaac ataatcagaa ctgcctttat aagaattaat 1680
ttggaagaga ttcacgattt caccatgagg acacttatct ctttcagtgg tcctcccaag 1740
aaattattta acaaactgaa aggagatttt gattaaaatt ttgcagaggt cttcagtatc 1800
tatatttgaa cacactgtac aatagtacaa aaaccaacat agttgggttt ctagtatgaa 1860
agagcaccct ctagctccat attctaagaa tctgaaatat gctactatac taattaataa 1920
gtaaaacttaa ggtgttttaa aaactctgcc ttctatatata attgtaaaat tttgcctctc 1980
agaagaatgg aattggagat tgtagacgtg gttttacaaa atgtgaaatg tctaaatatc 2040
tgttcataaa aataaaagga aaacatgttt cttcaaattg cataatggaa caaatggcaa 2100
tgtgagtagg ttacatttct gttgttataa tgcgtaaaga tattgaaaat ataataaat 2160
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agtgattttt tgggtcacagt gttttgttga taaaattttt ttagaattga agtttgaatt 2280
ctaagacttg aaacaacctg atcactgaag ccaactttgt cccagcacat tccttaagtc 2340
ctaattggga aaaaaaaaaa 2359

```

<210> 6511

<211> 2160

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(1322)

<223> similar to gi217422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6511

```

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catggcaggc tccctgcctc cctgcgtggt ggactgtggc accgggtata ccaagcttgg 120
ctacgcaggc aacactgagc cccagttcat tattccttca tgtattgcca tcagagagtc 180
agcaaaggta gttgaccaag ctcaaaggag agtggttgagg ggagttgatg accttgactt 240
tttcatagga gatgaagcca tcgataaacc tacatatgct acaaagtggc cgatacgaca 300
tggaatcatt gaagactggg atcttatgga aaggttcatg gagcaagtgg tttttaaata 360
tcttcgagct gaacctgagg accattatct tttaatgaca gaacctccac tcaatacacc 420
agaaaacaga gagtatcttg cagaaattat gtttgaatca tttaacgtac caggactcta 480
cattgcagtt caggcagtg caggccttggc ggcattcttg acatctcgac aagtgggtga 540
acgtacgtta acggggatag tcattgacag cggagatgga gtcacccatg ttatcccagt 600
ggcagaaggt tatgtaattg gaagctgcat caaacacatc ccgattgcag gtagagatat 660
tacgtatttc attcaacagc tgctaaggga gagggagggt ggaatccctc ctgagcagtc 720
actggagacc gcaaaagcca ttaaggagaa atactgttac atttgccccg atatagtcaa 780
ggaatttgcc aagtatgatg tggatccccg gaagtggatc aaacagtaca cgggtatcaa 840
tgcgatcaac cagaagaagt ttgttataga cgttggttac gaaagattcc tgggacctga 900
aatattcttt cacccgaggt ttgccaaacc agactttatg gagtccatct cagatgttgt 960

```

tgatgaagta	atacagaact	gccccatcga	tgtgcggcgc	cgcgtgtata	agaatgtcgt	1020
actctcagga	ggctccacca	gtttcaggga	tttcggacgc	cgactgcaga	gggatttgaa	1080
gagagtgggtg	gatgctaggc	tgaggctcag	cgaggagctc	agcggcggcg	aggatcaagc	1140
cgaagcctgt	ggagggtccag	gtggtcacgc	atcacatgca	gcgctacgcc	gtgttggttc	1200
ggagggctcc	atgctggcct	cgactcccga	gttcttttcag	gtctgccaca	ccaagaagga	1260
ctatgaagag	tacgggccca	gcctctgccc	ccacaacccc	gtctttggag	tcatgtccta	1320
gtgtctgcct	gaacgcgtcg	ttcgatgggtg	tacggttggg	gaacaagtgt	ccttcacaac	1380
ccagagaagg	ccgccgttct	gtaaatagcg	acgtcggtgt	tgctgcccg	cagcgtgctt	1440
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cgaccgctgt	ctgccagcct	cctccttctc	ccgccctcct	caccctcgct	ctccctcctc	1560
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aaaattgtta	gagaaaaaa	cattaggaaa	atgggcgcaa	aatcgttagg	tcccaggaga	1680
gaatgtgggg	gcgcaaaccc	ttttcctccc	agcctatttt	tgtaaataaa	atgtttaaac	1740
ttgaaataca	aatcgatgtt	tatatttcct	atcattttgt	attttatggg	atttggtaca	1800
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ttaattgtga	ggcatgttct	gatagtttta	taggcaaa	aataaaacag	caaacttttt	1920
tgccacatgt	ttgtcagaaa	atgattatac	tttattggag	tgacatgaag	tttgaacact	1980
aaacagtaat	gtatgagaat	tactacagat	acatgtatct	tttagttttt	tttgtttgaa	2040
ctttctggag	ctgtttttata	gaagatgatg	gtttgtttgtc	ggtgagtggt	ggatgaaata	2100
cttccttgct	ctcattgtaa	taaaagctgt	tagaatatatt	gtaaatatca	aaaaaaaaaa	2160

```
<210> 6512
<211> 1191
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> .(1) .. (1192)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (18)...(779)
<223> similar to gi4545103 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	6512						
gttggggatc	cagagccatg	tcggaacctgc	tactactggg	cctgattggg	ggcctgactc		60
tcttactgct	gctgacgctg	ctggcctttg	ccgggggccc	cctgataagt	gccgatgtgc		120
cgtgggcagc	atcctgagtg	aaggtgagga	atcgccctcc	cctgagctca	tcgacctcta		180
ccagaaattt	ggcttcaagg	tgttctcctt	ccgggcaccc	agccatgtgg	tgacagccac		240
cttcccctac	accaccattc	tgtccatctg	gctggctacc	cgcggtgtcc	atcctgcctt		300
ggacacctac	atcaagggagc	ggaagctgtg	tgccatatct	cggctggaga	tctaccagga		360
agaccagatc	catttcatgt	gcccactggc	acggcaggga	gacttctatg	tgcttgagat		420
gaaggagaca	gagtggaaat	ggcggggggc	tgtggaggcc	attgacaccc	aggtggatgg		480
cacaggagct	gacacaatg	gtgacacgag	ttctgtaagc	ttggaagtga	gccctggcag		540
ccgggagact	tcagctgcc	cactgtcacc	tggggcgagc	agccgtggct	gggtagcgg		600
tgacaccgcg	agcgagcaca	gctacagcga	gtcagggtgc	agcggtcctc	cttttgagga		660
gctggacttg	gagggcgagg	ggcccttagg	ggaqtcaagg	ctggaccctg	ggactgaacc		720

acagtctccc	cctttccccc	tcccccgcat	tgttgtggga	gttaccctcc	actctaaaga	1800
gacatcatct	tacagattgg	gatccccagc	cttctcacca	ggtcccaact	ccatctccaa	1860
ggccaagggg	tttcccccct	cagtcattac	cagcgatgcc	cttggcacct	tcccattcta	1920
gcccttatca	gggtcccagg	acacagaata	taagtgacta	cagggcacct	gggcccagg	1980
ccatccagcc	tttgcccttg	agccctgggg	taaggcctgc	ttcatctcag	ccacagctat	2040
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ctgggtcccc	tctacccatg	gcatgcccag	gcatcatgcg	acctggctct	acctccctgc	2160
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tctcccacac	cccagcccct	cctgcaagct	tccctgtgcc	ataccttcca	ggggacccag	2280
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aagattcctg	gaaagaagcc	ccagccccca	ggggaaacct	ccagaggaac	aagctgccag	2400
agacatttat	gccccacaga	ccaattactg	ctccagttat	gagcctcacc	cctgagctac	2460
aagggtattct	tccctcacag	ccccctgtct	ccagtgtgag	tcatgtctcc	ccaggagtct	2520
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tcctcatcat	cgctcataag	ctgctggtct	aaaccaggca	gcctctcttg	ctaggaggcc	2940
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tctttttccc	gactcttttc	cttgcctgca	ggtatgtgat	gctgtaggct	tggctccaaa	3060
ccagctgagt	gcctgctttt	tactccttta	tgtctggcct	tctaggatct	gtccaagaca	3120
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gtaaggacct	ggggcaggat	atcttctccc	ccagggatct	tctatttaag	tggcttctga	3240
gaggtgaaac	aggattgtta	cttttaagcc	tacctctgct	gtgacccatc	atgtgggtct	3300
tttgtttctc	ccttctgtgg	tttatgagcc	tgcccttacc	ttttccctgc	ctctgacttg	3360
gtattttccag	gtccgtattt	ctctgtagcc	cagggtctgg	ggtagagctg	actgctgttc	3420
accctttgaa	caactcatgg	acgtgaggga	tgggtgctga	gcagaaccaa	gagaggaaac	3480
tttggcgctg	ttaaaatgga	atttctcatc	tgccggcatt	attaagggtg	ggctagggtg	3540
gatggaaggt	gaaagggatg	aactgccttt	tgtcttaggc	tgtgagacag		3600
gagcagggga	accacagcct	atggggaaact	gcccttgact	ccacctatgt	tggagcctta	3660
gcccgaaggcc	attccttctg	tgatgataaa	gcccagttct	ggaattggag	ccatattaag	3720
gaatgattct	cttcacagcg	tgtcctcaa	gggttggggg	tcttctctcc	tgcagccac	3780
cacatgtctc	agggtacact	tctccgattg	gatttgcatt	tgtggcactg	tctttgatgc	3840
agtgatgtac	ttaatggtgc	aataaagctg	cttcgatttg	gtaaaaaaaa	aa	3892

<210> 6514
 <211> 2652
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (338)...(1092)
 <223> similar to gil280387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6514
 tttcgtgcgc catgtgaggg ggctcggggg ccgcgggggg ccgggcgctc cccgccggag 60

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aaccacatc	cctgccccca	gggccacctg	caggacgccg	acacctaccc	ctcagcagac	180
gccggagaga	aatgagtagc	aacaaagagc	agcggtcagc	agtgttcgtg	atcctctttg	240
ccctcatcac	catcctcatc	ctctacagct	ccaacagtgc	caatgagggtc	ttccattacg	300
gctccctgcg	gggccgtagc	cgccgacctg	tcaacctcaa	gaagtggagc	atcactgacg	360
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ttgtcaaccg	gacccttgaa	accgtgttca	tcttctgggg	gccccgagc	aagatgcaga	660
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aagcatatgc	cgtctctccc	ggccgcatgc	ggcaatttga	cgacctcttc	cggggtgaga	780
cgggcaagga	cagggagaag	tctcattcgt	ggttgagcac	aggctggttt	accatggtga	840
tcgcggtgga	gttgtgtgac	cacgtgcatg	tctatggcat	ggtccccccc	aactactgca	900
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<210> 6515
 <211> 2123
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2124)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (85)...(1943)

<223> similar to gi3688394 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6515

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cagtgccctg gcttcctgct ccacggctgg agaaagatct gccagcattg caaatgcccg 240
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ccagaggaca aggtccccta cgtcaacagt cctggggaga aatacaggat caagcagctg 480
ctgcaccagc tgccccaca cgacagttag gcacagtact gcacagcact tggagaagg 540
aggaaaagaa agagctccga gccttttagcc agcagcggaa gcgggagaat cttggggcct 600
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<210> 6516

<211> 827

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (469)...(148)
 <223> similar to gi871345 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6516
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 ggctgaatgg cttgggatgc agagagagac ccctcccctg ggatcctgca gctccaggcc 120
 cctgtgggtg ggggtggggc tggaaacctat gaacattctg cagggggccac tgacttctcc 180
 acggtgctcc cttcttgcac aacctggcag ctgtagcttc tgcgggacct cactgctcg 240
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 gtcttctcca cgctctgggt gatgagggtta ccatctgcct tccaggtcac catcaagatt 360
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 aggggggtgag agatggcaga gggagtgtgg ggtgttgtgg agcgccctct tctgtctaaa 540
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 cccttcccaa gtcacctttc ccagggtgtcc tggcccagcc ctttcctctg cagcctcagt 720
 ttccccgtgt gtacccaggg caggctgtgc tccctccttc ctggtttctg ggaattccac 780
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<210> 6517
 <211> 6333
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6093)...(4979)
 <223> similar to gi4929591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6517
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 aaatatactt gacacagcaa gacagtcag gtattgttga gtgaaaaaa gttacaaaac 180
 agtatgtaca ctttgatccc attaaaaata tctataaatg cacagaaaag tctggaaggc 240
 catatactta aataacagt gttctccctg gatgatggaa ttatcagtga tttttctttc 300
 tcaactgaatc ttttttcttt ttgccaacag ggctatgact tgtattataa aaaagcatta 360
 acaattcttt aaaaagtgtc ctttgaagta agaatgagag cagaacttag caatctaaga 420

ggcacagggga	tgtacacatg	gtttctgata	ctgttttaac	ggtttgtcaa	ggtgttttga	480
tgtagtcac	caattaaag	gcactgtgtt	gagtgaanaac	gtggatgggtg	gtagtgtcta	540
cttagacta	agcaatccat	tcctagaaac	cttccacagc	aaacaagtac	tggcattcta	600
agcaatactt	cccactatga	tatccttata	ccttcctacc	cacttgtaat	acagcccaga	660
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aacggggagg	atgaaggcgg	ggcgagggag	gagaacaagc	gcgcggcggc	agcgccaagg	6300
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<210> 6518

<211> 5245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(3392)

<223> similar to gi3043676 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

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gggaaggggga ttcgtggcga cggcgggcggc agggacagca ggagcagtgg tgctgtcagc 180
gcggccgctcg gagacatggg agacccgggg tccggagataa tagaatctgt ccctccagct 240
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gaaggacat tacgacctgt tcttgaatac attgatctgg tcagcagtga tgatgaagag 360
cctagcacct cttatactga tgagaatatt aaacgtaaag accatattga ttatcagaag 420
gataaagtgt ctttaactct ggctcgtcta gcccgccatg ttgaagtga gaaacagcag 480
aaagaagaga agaatagagc attcagagaa aaaattgatt ttcagcatgc tcatgggtta 540
caagaattgg aatttattcg aggacattct gatacagaag cagcaagact gtgtgtggac 600
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<210> 6519

<211> 1719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1266)...(107)

<223> similar to gi495871 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6519

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<210> 6520
 <211> 2016
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1788)...(893)
 <223> similar to gil946343 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6521

<211> 4204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4205)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3676)...(1268)

<223> similar to gi31442 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6521

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tgactattaa aagtgttccc aggtcctcct tcagcccgtt tttcactcca caccctcctt 4140
tggtgtttgc atgcacagcc tatagcttca accagcaata gcgtngnntt gtcaaattac 4200
gaaa 4204

```

```

<210> 6522
<211> 910
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (878)...(263)
<223> similar to gill196436 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6522
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aaccacaggg gcagcatctc ctccactcca catgctggcc aagggcacag agctgccgta 180
tcgcctgcca aggggggtggc tcaatgctgc tgccctgggc ctgtatgggc ccggggtgcc 240
gagaacagac agcaagcctc aggcgcgggt cctttgagct ttcttgattt cctcagagag 300
cgctctcttc agctctgctg aggcctgggc caggctgtcg ttaatgatga ccacatcaaa 360
caggccgggg tccttgctgc tctccatgtc ggccctgggc gcagccagcc gcttcaccag 420
gctctctctg gtttcagtgt tgcgctgccg cagccgctgc tccagcacgt gcagtgaagg 480
cggctgcaca gagatgtaga tgggcccagc atcgggtggc ttgatgttcc gcacaccctg 540
caggctccacg tccagcacac agatgcgggt catggcctgc acggcctgca ccgccacctt 600
gctcgtgcca tacaggttcc ccgagaactc ggcatgctcg atgaagtcgc cggctgctat 660
gtcacgctgc atcacctccc tggttacaaa gtagtaatct ttgccgttct cctcgccggg 720
cctcgggttc ctcgtggtat cctccacaga gagccctgga ctacagggac acgctgaagc 780
caaagatgcc gctgtgctcc tggagcagcc tcttcagcag ggtgctcttc ccagctcccg 840
aaggcccgtc cagcaccaca ggccctggggc ccgacatgcc gtccgggtggg gcccggccca 900
gggcggccgc 910

```

```

<210> 6523
<211> 1330
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (319)...(1191)
<223> similar to gi4521233 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 6523
tttgtttttc cccactccct gccttcccta caattgtttc tttcacctgt ccctcgccta 60
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taccttactc tttctttctt cccttacctc tcgtctcccc tatccctgcc ttgcccttcc 180
ctctctttct ctctctccct tcttccctc acctctcggt ccctattgcc ttctctactg 240
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gccatgcggc gcctcacagt cgatgacttt gaaatcgggc gtcccctggg caaggggaaa 420
tttgggaatg tgtacctggc tcggctcaag gaaagccatt tcattgtggc cctgaagggt 480
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atccaggctc atctacaaca cccaatatc ctgcgcctgt ataactatct ccatgatgca 600
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tgctctgtt ccctttgtgt gtgttcaggg agctctcact ggctctgcca cctcatttgt 1260
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accaaaaaaa 1330

```

```

<210> 6524
<211> 5115
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (93)...(3614)
<223> similar to gi2662165 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

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tcacttttga agcgttgagg aaagatgtag cacttaagcc tcaggaacgt gtggagaaac 180
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atctctgcca gcaccttggg aagagaaaga aaatgccgaa ggcactcaga cagctcaagc 360
caggacagaa cagctgcagg gacagtgaca gtgaaagtgc cagtggagaa tccaagggtc 420
tccaccggag cagctctcgg gaaaggctca gtgatagttc agctccttcc agcttgggaa 480

```

caggctactt	ctgtgacagt	gacagtgacc	aggaagagaa	ggcatcagat	gccagctctg	540
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cagaacatga	cagccaggat	gcagggccga	ttgtcccaa	gatatcgggt	ctagagagaa	660
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```

<210> 6525

<211> 4707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4708)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3748)...(2068)

<223> similar to gi23903 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6525

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tggcatcttt	cagaccaagt	ctccttcccc	aggcagagcc	cgagagcgtg	gcggccccggg	4680
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<210> 6526
 <211> 3015
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3016)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (344)...(1690)
 <223> similar to gi32026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tggccgagca	agcctggaaa	atggtaaagt	atcatttggga	tcaattacag	gcttttagct	180
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aaaaaggggc	agagtttgat	ggagccgggt	ggacttttct	atgccatttg	cctccacacc	300
tagaggataa	gcacttttgc	agacattcag	tgcaagggag	atcatgtttg	actgtatgga	360
tgttctgtca	gtgagtcctg	ggcaaactct	ggattttctac	actgcgagtc	cgtcttcctg	420
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aagcccccca	tctccacttc	ctccccctcg	agtgtacaaa	ccctgcttcg	tctgccagga	600
caaatacatca	gggtaccact	atgggggtcag	cgctgtgtgag	ggatgtaagg	gctttttccg	660
cagaagtatt	cagaagaata	tgattttacac	ttgtcaccga	gataagaact	gtgttattaa	720
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tgctgaccat	cgagtccgac	tggacctggg	cctctgggac	aaattcagt	aactggccac	1020
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catcgagac	caaattaccc	tgtgaaggc	cgctgcctg	ggacatcctg	attcttagaa	1140
tttgaccag	gtatacccca	gaacaagaca	ccatgacttt	ctcagacggg	ncttacccta	1200
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gccaaccagc tcctgccttt ggaaatggat gacacagaaa caggccttct cagtgccatc 1320
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gaaccattgc tggaagcact aaaaattttat atcagaaaaa gacgaccag caagcctcac 1440
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attttaaaaa aaaaa 3015

```

```

<210> 6527
<211> 4413
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(4414)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1119)...(3816)
<223> similar to gi4514653 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6527
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tccccggccc gctgcggtgc cgtgagtacc tccaaccccc tgcgccccgg agggaggccg 120

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aggggcttag	ccaccagggc	tcggaagtgg	gggccgaatc	cggtgcgaga	cccaaggaga	180
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gctggcattt	tgactttggg	gttgctgaaa	agccaggagt	caaaatgact	gagcgctttg	300
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aattcatggc	acatttctctg	atcttcatte	ttactggcag	catcttgtat	gaggcaaaga	3540
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<210> 6529

<211> 1047

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (978)...(176)

<223> similar to gil330308 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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acagtagaca ggcatgtaat tgcagtttcc actgtctgtt caaatgtcca atcaaatttc    360
ttcttctactt ttttttcaag gaagctgggt gactcagttt gtttaactcc cgctgcagtg    420
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tacttgattt tccagtttagc tgcctcatag cgtgccctct gtacctggga tctgctgtca    660
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cccgaccag gcacacaagc acctcccggg agttgcagcg actgcttccg gggtaccagc   1020
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```

```

<210> 6530
<211> 2548
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (300)...(917)
<223> similar to gi474388 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aagccaattg aacaacagga tatatagact gataaatatt taggctgaat agtatttttaa 1380
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aatgtttttg gtacactggg cagacttcag agcagttttt taaaaaaaata aatattctaa 1680
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cagcagtatt tgaaaaataaa taaaaagtgg gagaattcct tgctgttaga agaattgtggc 2520
cattatthttg attthtttgaa tgagatat 2548

```

<210> 6531

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(872)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (827)...(303)

<223> similar to gi3114824 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6531

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aagtgggtact gctgatagct tggggtagcc tggggccggt ggtgacatcc ttaggggggca 360

```

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tggtagagaa	caggcccccc	cacactgcga	agctacctcc	aatctggggg	gctcggatcc	660
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ccttgatggc	ctggaagact	ccgccaccga	tgacacccat	agtgaaggct	ccaccgcaat	780
catccacaat	tgcgcatggg	cagggctccc	gagcgtactc	ctccatggcg	ctggcacgaa	840
atcgtcggnc	gggaaagcgg	atngatggtc	a			871

<210> 6532
 <211> 2144
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2145)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1412)...(180)
 <223> similar to gi3133092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6532						
tttggttcca	aggggtttta	ttggggaacc	ccccgggtttt	tccccccccc	cccttttttaa	60
aacccggccc	cggaaattaa	atttgggggc	ccctaaaaaa	aattttttact	ttcccacccc	120
cgggtattaa	aatttgtttt	ttttaaaggg	cccccccttt	tttttttttt	gattttataa	180
tagtttatat	ttgcacacaa	attctgccac	attgttcagt	accaccaaag	taaaattctt	240
gaatctttca	ttgaaaatga	aaaacccatc	tgtcacctgt	tcccagtaaa	aaactgattg	300
ttctatgaaa	tgggctgttt	tagtcagata	ggaactgaag	tttgaaagac	agcctttcca	360
agttgccagg	tcatcaaata	atgaccattc	taggaacatg	gtaggaccaa	agacaatgac	420
aaggccaagc	agaaggatta	gcaaaaaata	cttataaaaag	ctccagggaa	tcttgctaata	480
gaatgtgcca	gtgtcttgag	gcaaagaaaag	tttatccaca	tgcactagtt	ttatgtcttc	540
ccactgactg	gtatcaaagt	tcttcattaa	agggcttgca	ggcaaattag	agggaggtaa	600
aggagtttcc	ttgattactt	tgattttctc	tctaaactcc	tgcatctgtt	gcagaaatac	660
aatgggttct	gacacatctt	tgaaagcctc	agcaatgtta	aaggccatcc	gttgctcctg	720
caagatgggtg	ttgagtttgt	tgatctctgg	gtcatatgct	tgcataacag	caagtttcat	780
ggtctcaaaag	tcagacagaa	tttcattctt	cttttgatcc	agtgtgtgtt	gtaacttctc	840
aaaaaattcc	ttcactttat	ctgaatcttt	agtcagtaac	tgtagggtatt	tcctcttact	900
agtttccaag	gtatccaagc	gagaaagagc	atctccccga	cgccagggtct	caaagctctg	960
gaagagggac	tcaaaggcat	ccctttcctg	agcataggca	tcttcaatag	aacagaagac	1020
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gggtattaat	tcccagtagc	tgaaagttht	cttacggcat	gtaggacact	tgaatggaac	1260
tgggtctccac	aaggaaattcc	gcacactccc	ttctaagata	ccttctaagc	attttttgca	1320
gaagttgtggtg	gagcaaggca	aaacccgtgg	atcatcaaac	agactacaac	aaatagggca	1380

tgtgagatct	tcttcaagca	gctccatcac	atcctctgtc	tcctacaagc	tgatgtat	1440
ggcaggggta	ctatttccca	gggcaaagca	ggtctttttt	ttcacgtttt	gactaacgaa	1500
ctagaggctn	ctgcaaagaa	agaagaaaaa	gaacagtatt	aacgcattta	tttgacacgc	1560
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<210> 6533
 <211> 1081
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1082)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1076)...(0)
 <223> similar to gi473949 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6533						
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aaaagtaaaa	aacaatccac	agttgagcag	ttgatgtgca	aaatcatccc	aggaatccaa	180
ctttctggtc	tcttgggccc	cnaggctttc	tttcctgggtg	gcacaacact	cctgccaaagg	240
aggcatgcag	taccttgccc	acacgcttgg	caagtctcca	tcatctcgaa	agatgctctc	300
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ccaccacatg	ccgatagcca	attttggcac	agagtgacaa	tggcaggggg	gacattctcc	480
acactttagt	cgtagtcagt	cataagggtc	atctgacaat	tcaatgggtcc	ttcgaccctt	540
cttcatoctc	caaaactcga	acccttggtg	tccttggtatt	gaagagagca	gcctttacag	600
caatggaaat	ggcatcaaac	aaatttccac	cacattccca	gaaagcagca	catcccacat	660
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cttttaattg	ttaaatatcc	ggatagaggg	tgtagcgat	ctcggtgccc	aaggatcatca	780
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gtttaccact	tcgacacatc	ggtagtccct	cacagccacg	gccatccaca	cggagggtctt	1020
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t						1081

<210> 6534
 <211> 3294
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2284)...(905)
 <223> similar to gi3043688 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6534

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ttccctgagc	ctgggactgc	ttttccagg	gaaactagga	gggaaggagg	gagtcctccc	180
aaagttaccc	tttaagcttg	ataattagct	ccatagccat	gctaaagcat	gactgtagat	240
ccccaaagtc	ctgacacatt	ttctttcta	aaactgggta	gccaaagaa	taaagacgta	300
agccctgaag	atggcaaaa	gtgtcataat	ctcccaaagt	catctgtata	gatgcttcat	360
ttaacccttt	ttcttttgca	gacaaagggt	taaaaatctc	ttctttctac	ctatatcttt	420
aaagagggat	tgacaagccc	aaatttcctt	ttatgaaaag	acccaagggt	tctggccaac	480
aattcacttt	tttcagtttc	ttaggtcctc	ttgcatgcct	gagaatattg	agtattcgga	540
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<210> 6535
 <211> 1875
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (231)...(1812)
 <223> similar to gil491706 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6535						
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cacctccctc	tctgcagaac	ttctccttta	ccccccaccc	cccaccactg	ccccctttcc	180
ttttctgacc	tccttttggg	gggtctcagc	ctgcccagac	cataggagag	atgtgggagg	240
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gcagccccac	aatccccctc	caggatctca	gccttctgcg	aagagcaggg	gtcacttggc	420
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ccggcgagta	ccgcgcgcgc	gtgcacctca	gggaccgcgc	cctctcctgc	cgccctccgc	720
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ggaaccgggg	ccaggggccga	gtccctgtcc	gggagtcccc	ccatcaccac	ttagcgaaa	900
gcttctctct	cctgccccaa	gtcagcccca	tggactctgg	gccttggggc	tgcatactca	960
cctacagaga	tggcttcaac	gtctccatca	tgtataacct	cactgttctg	ggtctggagc	1020
ccccaaactcc	cttgacagtg	tacgttggag	caggttccag	ggtggggctg	ccctgccgcc	1080
tgcctgctgg	tgtgggggacc	cgggtctttcc	tcactgccaa	gtggactcct	cctggggggag	1140

00488725.012100

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gccctgacct cctgggtgact ggagacaatg gcgactttac ctttcgacta gaggatgtga 1200
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tggtgactgg cacctttggc tttcaccttt ggagaagaca gtgccgaccc aagacgattt 1680
tctgccttag agcaagggat tcacaccttc gccaggctca gagcaagata gaggagctgg 1740
agcaagaacc ggagccggag ccggagccgg aaccggagcc cgagcccag cccgagccgg 1800
agcagctctg acctggagct gaggcagcca gcagatctca gcagcccagt ccaaataaac 1860
gtcctgtcta gcagc 1875
```

```
<210> 6536
<211> 1731
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1732)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1539)...(141)
<223> similar to gil1514597 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 6536
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ccaagtcccg ngtttttcag gagctatgtt tctgccgctt ccaaaagcgc ttgacgtcgc 180
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gcccgacttc ggggcgtggg ccagcaagca gctcaaagtc cacttgcgac aggaactggg 300
tatacaggac accctcagtg aaccggagtc tgtccctttc cagctcccag agccgatct 360
ggtcggtgat ggtggggggc agcacagggt tctgtttgag catcactggg tgggctcttg 420
tccttaggaa atggattatc tgctgggctg tgatgccact ggcgattgcc tgctgcacac 480
tctccccggg tcacctctgc caaccacat gttgggggaa cggataaagc atctcagaga 540
agagggcaat gagggcaatc tgcagctccg actccgtgta ggataacag cggtaattgg 600
tttcacgga caatgaaacc tggctgatgc acagtgcgcc cagctccaga gacacctgat 660
gagagattga tggccaaggc ggtgtggggg agtaacgcgc agatttcctc ttcctctgga 720
aaacaagccc aaactcacgc agatgttgca ggaagttcaa cagagaatca ctcatacctt 780
ccacagagta atccttgccc agagtagaga agctgagctg gaagaggaag gagagaatct 840
ctaccaggtc catgccccgc ctctgggctg tctgcaata ctgcaacata aagtaccaga 900
gctgagccgg ggtgtccagc aacaggaact ggaagccagc ggaagtaatg cagggcggct 960
ctccaggttc agtactcttc atgagcccag cctggctgag gagctgagcc aagtcctggc 1020
tgacagctgc actgggggag cccacatga agtgcaagac cacctcccat cgctcctcgg 1080
cgtacttgtc aaggggaggga acgtcccggg catgcttgtc tgggtcccagc tgacttggtg 1140
```

catcagacca	ggccttcccc	ccaccagaa	gggcaatgcg	gaggttctgg	cggaaaatgg	1200
ggttgaggat	gaggccctgg	agcccgcctg	ggagcagctg	ggtgtgccag	atccggaggc	1260
cgctcagcag	ccctgtactt	tctcctgag	ccttgctgaa	ttccttcttt	accacagag	1320
ctacagcagc	ctgtggcaaa	ggctgctcca	gaaagagcat	ccgcatcacc	cagttcttag	1380
ccaaggatgg	gagctccctg	aagacagcca	gacatgtggc	agggtgccca	tacaatcgg	1440
ccaatacccc	agggctcagg	ccccctaaga	attcctgcag	attcctgcat	tgtaggtgta	1500
ctcggttcag	tccccttgaa	gggggtgctct	ccatcaccac	tctgtcgatc	ctcctcgcgc	1560
acccaagtc	tcgggcccgc	gcttaatcgg	agccaaagtc	tcgcattggc	tcctggagat	1620
tgagggaaag	atggtgaaaa	aatgcgagga	aaagatgggg	aaagcaaaga	aagatttcac	1680
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<210> 6537

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(929)

<223> similar to gi5162875 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6537

acctgtctgg	tagcagccat	gaggcgcttg	gtttcagtgt	cctcgcgggc	cagcgacggg	60
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gagggggaat	ctggccctgg	tgggcgttct	aatcagcctg	gccttcctgt	cactgctgcc	180
atctggacat	cctcagccgg	ctggcgatga	cgctgtctct	gtgcagatcc	tcgtccctgg	240
cctcaaagg	gatgcgggag	agaagggaga	caaaggcgcc	cccggacggc	ctggaagagt	300
cgccccacg	ggagaaaaag	gagacatggg	ggacaaagga	cagaaaggca	gtgtgggtcg	360
tcatggaaaa	attggtccca	ttggctctaa	aggtgagaaa	ggagattccg	gtgacatagg	420
accccctgg	cctaattggag	aaccaggcct	cccatgtgag	tgcagccagc	tgcgcaaggc	480
catcggggag	atggacaacc	aggtctctca	gctgaccagc	gagctcaagt	tcatcaagaa	540
tgctgtcgcc	ggtgtgcgcg	agacggagag	caagatctac	ctgctggtga	aggaggagaa	600
gcgctacgcg	gacgcccagc	tgtcctgcca	gggcccgcgg	ggcacgctga	gcatgcccaa	660
ggacgaggct	gccaatggcc	tgatggccgc	atacctggcg	caagccggcc	tggcccgtgt	720
cttcatcggc	atcaacgacc	tggagaagga	gggcgccttc	gtgtactctg	accactcccc	780
catgcggacc	ttcaacaagt	ggcgcagcgg	tgagcccaac	aatgcctacg	acgaggagga	840
ctgcgtggag	atggtggcct	cgggcggctg	gaacgacgtg	gcctgccaca	ccaccatgta	900
cttcatgtgt	gagtttgaca	aggagaacat	gtgagcctca	ggctggggct	gcccattggg	960
ggccccacat	gtccctgcag	ggttggcagg	gacagagccc	agaccatggt	gccagccagg	1020
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aaaatggcct	atgcttaaga	ggaaaatgaa	agtgttctctg	gggtgctgtc	tctgaagaag	1140
cagagtttca	ttacctgtat	tgtagcccca	atgtcattat	gtaattatta	cccagaattg	1200
ctcttccata	aagcttgtgc	ctttgtccaa	gctatacaat	aaaatcttta	agtagtgag	1260
tagttaagtc	caaatagtgg	caatggggtc	ttgaattact	accttttaat	ttctatatgg	1320
aaaagaactc	actttgacca	acatttctgt	aaattacatt	acaatatagg	ttccttcaca	1380
cta						1383

09488725.012100

<210> 6538
 <211> 3750
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3651)...(714)
 <223> similar to gi4510377 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6538

ataacaaatt	ttccattcc	caaggtttta	aaaaacgccc	ccggcccaaa	ctttaaaatc	60
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gattctttta	aaccgcccc	cctttttttt	ttttttgaga	tttaacattg	tacattttat	180
taaatactgg	actttattac	aacaaattaa	tttacttccg	atagaagttt	cattttaaaa	240
aatgtgggtg	tgttcaaatt	cttaattgac	acttgttttg	gggtaaacat	cctattttta	300
ctgggtggtat	catcaatcat	tatgagcaga	aagattaatt	ttgtataaca	gaacaaagga	360
atctctcaag	tgggtccaata	ctctatatat	ataaagggaa	tatactccca	aagagtgggc	420
atgaccacag	cagagtatat	gatcagagaa	catattgctt	ttatggtata	tatatatata	480
tatatatatc	tctacatata	acatcaagtc	atgcacatta	agtctttact	acctactgaa	540
ggcttctacc	ttacacatga	aaattgttca	tgtcccaggg	tttggcatcc	agccaaaatt	600
taaacaatga	tgaagaatgg	ctgtcaaact	ggcttttcag	accacccctg	aaaagctgtc	660
agctgtaata	tccatcctgg	aatcgtggcg	gaaagttcct	gggagttgcc	ttttcctgtg	720
ttttgatcaa	gtctataata	gctgacagta	ctgcacagtc	tctggattta	gtgtcattcc	780
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agtatgggga	aacctctgtg	cagtcataca	agtatatact	gcttggttctc	atcttttaggt	1020
gatagataag	ccagttgtag	tgaagtcctg	tttgctccac	attaacagat	ttaggatgaa	1080
cagcaaccag	gccatcggtt	tttggtgtaa	cttttaccat	ttttcttttt	ttacccaaat	1140
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tctcattatc	tgaatttata	ttagattctg	gatctttagg	atttctactg	cttacaatc	1260
cagctccaag	aagatgctca	gcaaactgtc	ctttcatgtt	atgcagcatc	tgcagtgtgt	1320
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ccccgtctgg	ccccctcca	tagccccac	cggagctgcg	gggaccccca	tcacggcccc	3660
agttctgatg	gtagtcataa	ctcattgtcc	tggcagacta	caaccctgca	gaaccagcaa	3720
ccgctggaaa	tggcgctccc	cacgcgtccg				3750

<210> 6539

<211> 1783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (852)...(358)

<223> similar to gi5565635 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6539

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cgctccgtgat	gatgggaaca	tgcccagcgt	gcccagccac	ccccaggacc	ctcaggggccc	180
cagcctggag	tggctgaaga	aactgtgagc	acctccactg	acagaggcgg	cccctccac	240
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gggaacaagt	agacggtggc	cggggtgagt	gtgggggtcag	tttattgggc	atgcgtcagt	360
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tgggggtggg	gcatccgtgc	cctggctgcc	ctcatcctgg	caggcaggag	ggggaggtag	720
gtgatgggtg	ggtcctgagc	tcccagttcc	tgaccctcct	ggaggcccaa	cactcacctc	780
cagcacaatg	gtgaactggc	tggcccggta	gtcatccccg	taggagtcca	gcactctcat	840

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gaggaacctg ctcaggggga gaagccacca acggaataac ttatctccta gcggctgggg 900
aaaagggcca caggatagag ctcagctccc actccactca acgccaaagc tgccttgag 960
ccagacgggc ctgagctctg gcactggagg cctgggagcc atgcccttga ccagccttga 1020
gacctcgagc aagacaaggc aacctattctg aggctgagtt tcctgctctg caaacgacat 1080
gacaccctcg gctggatggt gcagcgggtga cactgaagta gtgacaccag acgatttctg 1140
tacttaatgt gatgtcagca cttagtaaac attcatatgt gagttataat ttttattgat 1200
aactgaagag aggggagtag agaacgctcc tcctaataagc ctcacctctt ataaacaccc 1260
ccttctcttt tttccccagc ccctgcctcc agagttcctt aagggttcaat tgatggaatg 1320
cctcctctgc accagcacct gggcagggtt gttgttggtt ttttgcgacg gagtcttact 1380
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cacaccagc taatttttgt atatttagta gagacagggt ttcaccattt gggccaggct 1560
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aggcgtgagc caccgcgccc ggcctattat gcttttaaga ctcagaagta tctggccact 1680
actgatgttt acaaagtagg aaatttagcc tgtagttcca gctactccag aggctgaggg 1740
ggtaagatca cataagccca agaggctgca gtgaggtacg att 1783

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<210> 6540
<211> 1755
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1756)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1030)...(349)
<223> similar to gi5731817 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gagggatcca gcctcagagg ggagatatgc gacttcccaa gagcagttct tggcctggga 180
ggggccatga gagtgaaga cacggggccg tggccggggc ggggctacgg gaacggggcg 240
tggccggccc ctgaggttac tataggggaa tgggccccgg ccaggtcccc ttttctttgg 300
ggcagtggga agacagcggg gcccacggca tagagctgct acacgtaggg cgtttctgcc 360
gtatttgcca aagctgctgt cgccttcttg gtccgagggt gcgacgggca tcacggacac 420
gggagcctgg tagggccggc gggcgctggc ggctgggtcc tcgtcagagc cgcagcagca 480
ggcggagcag aggcagaggc caccagagat ggagatcagt gaggcgctcc accccaggta 540
gagggcgggg cccagctcgt acttggttcc ggggtacaag ggggtccgaga agtccccggg 600
tgatgttgaa ggcgtaccag gaggatggcc accatcccgc agataccgg caagattgtg 660
aggggcccct gcggtggccg ccagcttggc tttcctggag agctccagg ccccaatggt 720
ggtgcagcgc agggccgcta tgcctagcaa gagggccagg aagcccagga ggatggcgg 780
gatcatgagt gcccggcagg cctgaatata ccagagagg gccagcatgg acgggaactc 840
ccagcagttg tagacgcca gggagtcggt ggcacagcta aaccagaggt tctcgaagat 900
ggtgttggtg gtgatgacgt tcccgtagc agtgagact cgccagtagc tgtttggcag 960

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agtcaccccc agcatcagca gccccacagt tgccatgaag aagccaaagg tttccacagc 1020
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gaacccctag ggaactggaa ggggctgcgg ctaaggaggg ttgtccaggc aggctggggg 1140
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cctccctcct gctctgtggg tctctctgct tcctggcagg tcagaggaat gagctaagcc 1260
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gagtaagagg gacaaggagt gaaaagatga cagagacaga cgtgagagca ataagggaca 1440
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aatctaagat actcagacca aggggttggg gcgtatgagt ctcttaagga agatcaagct 1560
ggaatgaggg gatgggaggg taggagaccc acagctctgg gctccatcca gcctggaatg 1620
gaactcggcc ccaccatcca ttcaccaggg aactcagacg ggagagtttt agtcccctga 1680
gcttctgctc tgtcagtgc aannccgnct gcttcgnnnt tcnccgcnc tggcctagtg 1740
tactgcaaat cgagg 1755

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<210> 6541

<211> 2426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (275)...(1391)

<223> similar to gi5649170 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6541

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ggggaaaggg ccagcacgga gcgggcgctc ggttgctgcg cacaaaggct gaggctccaa 180
gagctgcagg gcgtgtttgg gacccagag tcagaaggag tgagaaccct gaccctaata 240
cccactgcat ccagccaata ggagcccagc cccatggcg gagctgcagg aggtgcagat 300
cacagaggag aagccactgt tgccaggaca gacgcctgag gcggccaagg aggtgagtt 360
agtgcccga atcctcctgg accagggaca gactcactct gtggagacac catacggtc 420
tgtcactttc actgtctatg ggacccccca aacccaaacg cccagcgatc cttacctacc 480
acgatgtggg actcaactat aaatcttgct tccagccact gtttcagttc gaggacatgc 540
aggaaatcat tcagaacttt gtgcgggttc atgtggatgc ccctggaatg gaagagggag 600
cccctgtggt ccctttggga tatcagtacc catctctgga ccagcttgca gacatgatcc 660
cttgcgctcct gcagtaccta aatttctcta caataattgg agttggtggt ggagctggag 720
cctacatcct ggcgagatat gctcttaacc acccgacac tgttgaagggt cttgtcctca 780
tcaacattga tcccaatgcc aagggttggga tggattgggc agcccacaag ctaacaggcc 840
tcacctcttc cattccggag atgatccttg gacatctttt cagccaggaa gagctctctg 900
gaaattctga gttgatacaa aagtacagaa atatcattac acatgcaccc aacctggata 960
acattgaatt gtactggaac agctacaaca accgccgaga cctgaacttt gagcgtggag 1020
gtgatatcac cctcaggtgt cctgtgatgc tgggtgtagg agaccaagca cctcatgaag 1080
atgcagtggg ggaatgtaac tcaaaactgg accccacca gacctcgttc ctcaagatgg 1140
ctgactccgg aggtcagccc cagctgactc agccaggcaa gctgaccgag gccttcaagt 1200
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gtacagcctc tctgaccagt gcagcatccg ttgatggcaa ccgggtccgc tctcgaccc 1320
tgtccagag cagcgagtct ggaactcttt cttcggggcc cccggggcac accatggagg 1380

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catgcgggga	gatgaccttg	atctttgatt	gctaccctaa	ccttgacctt	taaccctgta	1560
ttccccccag	ctcctggaag	agatgtccta	atatctctta	gggacccaga	cccctaaatt	1620
ctcctcctcc	cccatTTTTga	tgttaagggtg	gagagggcat	atgcatcctc	tgtcctgatc	1680
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tggtgctggg	gcaacaggaa	ggggcctggg	gccgtttggc	tgactaact	ttggtagctc	2040
agtgtgcatc	tagagtggga	ctggggaggg	agctaagctt	gggctgggct	gcttggggct	2100
tggcataggg	tggaaagggc	taccctgggg	ctctgaccac	actgtagtat	gtgtggaggg	2160
tgccctcccg	tctcccacaa	cttctgctat	aacaataaac	tgtagaggaa	tctgagtacc	2220
gttattattc	tttgtctagg	tgtgcctgca	tcatgtcctc	cttcctatct	tctccctgtc	2280
cacgtctcat	attctcttct	caaagtgata	taaaccctgg	gagagggcct	ttgtggcata	2340
ggcacttcac	aaaatatgac	cacatagaaa	ctggctcttt	tccaatacaa	cggtgttgcc	2400
ttgatattgg	agtattttta	agcctg				2426

<210> 6542
 <211> 1160
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (999)...(114)
 <223> similar to gi5679727 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6542	
tttttttttt	ttgcagataa tttcttttatt gaaactatca ggaagtttta ctatgaaatt 60
ttacatacat	gatggaaagt ggaagacata taccaattat attccaggaa aaaatacttt 120
aatagtattg	ttatatagtg tattggctaa ttccagtgga tcctcatctc tcaactgctga 180
cattatctcc	aatattttgaa ttatatggca gggttcattt ctgtctttta agcagtgtccc 240
actttccac	ttcttttttg taggaaatgc agttcttata tattttgatc cagcatgtgt 300
acttttgact	ccacaccaag ggtgcatctg tctcaatcat taatttttca ctaggaattg 360
acttcaaaac	ttccaaatta gcttcagttt tcagttagca accattaaat cctatataaaa 420
gatccaagtc	aatcaaagca gctggctgct tccttggtac catcaaata atgcaccact 480
ccccctacac	accgatctct atttcttttc attatgtcca aaaaattcca gccatgtgag 540
tttogacaat	ggaggaaaca ttggtaattt tgtttgttct gacagttcaa actgtttttc 600
aaaatatttg	agttgagtat ctttgggaca aaactgcagt cggtcaaaat caagtccgca 660
ttctcctatt	gccacaactt tcccttttatt gttttcagca agatttagca actcctttaa 720
gtaaagatca	gggttattct tttcaaatc accacatctt gtaggatgac atccaactgt 780
actgaaaaac	ataccatttg tttgtgccaa atgcagtgca tctttactgt cttgtagatt 840
tccacctgta	atcataaact ttttaacacc aatctcgaca gctctcccta ttacatctg 900
taagtcactc	tgatgctttt gaacccccct ataaattcct ctgaacatag ggtcagtcaa 960
gttgatacca	atatctggag gttcaaggac ttcgggaacg gaattggaag gtggcctctc 1020
gcttcacaga	atcctatggt agaccoggg tcaaattccag gcttcgccac ttatggccgg 1080
gagaccttgt	agagttgctt gtcgggtctg ggcgtcagct ttttgtttag taaaacggac 1140

<210> 6543
 <211> 1483
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (34)...(1200)
 <223> similar to gi495223 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6543
 atcgagacca tagaccacgt cggggaattc gccatggcag cccaggcagc tgggtgtatct 60
 aggagcgagg cagccactca aggtcttggc tccaaccaa acgctttgaa gtacttgggc 120
 caggatttca agacctgag gcaacagtgc ttggactcag gggtcctatt taaggaccct 180
 gagttcccag catgtccatc agctttgggc tacaaggatc ttggaccagg ctctccgcaa 240
 actcaaggca tcatctggaa gcggcccacg gagttgtgtc ccagccctca gtttatcggt 300
 ggtggagcca cgcgcacaga catttgtcag ggtgggtctag gtgactgctg gcttctggct 360
 gccattgcct ccctgaccct gaatgaagag ctgctttacc ggggtggccc cagggaccag 420
 gacttccagg agaactatgc gggaatcttt cactttcagc cgctgtgtcc cccctcccca 480
 gttctggcag tacggagagt ggggtggagg gtgcattgac gacaggctgc ccaccaagaa 540
 tggacagctg ctcttcctac actcggaaac aggcaatgaa ttctggagtg cctgctgga 600
 gaaagcctat gccaagctta atggttggtta tgaggctctc gctggagggt ccacagtgga 660
 ggggtttgag gatttcacag gtggcatctc tgagttttat gacctgaaga aaccaccagc 720
 caatctatat cagatcatcc ggaaggccct ctgtgcgggg tctctgctgg gctgctccat 780
 tgatgtctac agtgcagccg aagccgaagc catcaccagc cagaagctgg ttaagagtca 840
 tgcgtactct gtcactggag tcgaagaggt gaatttccag ggccatccag agaagctgat 900
 cagactcagg aatccatggg gtgaagtgga gtggtcggga gcctggagcg atgatgcacc 960
 agagtggaat cacatagacc cccggcggaa ggaagaactg gacaagaaag ttgaggatgg 1020
 agaattctgg atgtcacttt cagatttcgt gaggcagttc tctcggttgg agatctgcaa 1080
 cctgtccccg gactctctga gtagcgagga ggtgcacaaa tggaacctgg tcctgttcaa 1140
 cggccactgg acccggggct ccacagctgg gggctgccag aactacccag gctcctccta 1200
 ggttgaatca gctgaggcag cacctgatga agaaactcag gaagacagcc ccacatctct 1260
 aaggagaaat gaagaaaagc aaatcctgct ctctctactt ttccacctcc ctctcccat 1320
 gttccctgcc tggtttctgt ttgatctgtt gattgactta gactgtaagc gcatggggca 1380
 gggccagtca ctttcttctc atgacagagc tactgacagg gctgtgctcg gtgctaggga 1440
 agcagcatta gaataaaacc ccacctggat gcaaaaaaaa aaa 1483

<210> 6544
 <211> 1422
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (9)...(866)
 <223> similar to gil80098 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6544

gagagatgct	gccgctgctg	ctgccgctgc	ccctgctgtg	ggcagggccc	tcgctcagga	60
tgcaagattc	cggctggaga	tgccagagtc	cgtgacggtg	caggagggtc	tgtgcatctt	120
tgtgcaactg	tcggtcttct	acctcgagta	tggctggaaa	gattctaccc	ctgcttatgg	180
ccactgggtc	cggaagggg	tcagtgtaga	ccaggagact	ccagtggcca	caaacaactc	240
aactcaaaaa	gtgcagaagg	agacccagg	ccgattccac	ctcctcggtg	atccctcaag	300
gaacaactgc	tccctgagca	tcagagacgc	caggaggagg	gacaacggtt	catacttctt	360
ttgggtggcg	agaggaagaa	caaaatttag	ttacaaatat	tccccgctct	ctgtgtatgt	420
gacagccctg	acccacaggc	ccgacatcct	catcccgagg	ttcctaaagt	ctggccatcc	480
cagcaacctg	acctgctctg	tgccctgggt	ctgtgagcag	ggaacacccc	ccatcttctc	540
ctggatgtca	gctgccccca	cctccctggg	ccccaggacc	ctccactcct	cagtgtctac	600
gatcatccca	cggcctcagg	accacggcac	caacctcatc	tgtcaggtga	cgttccccgg	660
agctggtgtg	accacggaga	gaaccatcca	gctcagtgtc	tcctggaaat	caggaaccgt	720
ggaagagggtg	gttgttttgg	ccgtgggggt	agtggctgtg	aagatcctgc	ttctctgcct	780
ttgcctcatc	atcctcagtt	tccacaagaa	gaaggcgggtg	agggcagtgg	aggttgagga	840
gaatgtatat	gctgtcatgg	gttaatctct	caggcctcca	gactgtactt	ccagatgtct	900
cctcatccag	ttcctccaca	gtctgaatgg	ccatgtttct	tcttcattgc	tggagaatga	960
agtgcaaattg	ccactgcctg	gactgaaggc	ctttcacgat	ctgtcttctg	ctggactctg	1020
ctcctgatcc	cccttctcct	tgcatacccc	gaagtctccc	tacacccacc	aggccaagcc	1080
ctctgtgatt	ctgagacttt	gcatgtgtag	ttacttctcc	tgaaatggcc	ttcctcccca	1140
ttcctgcca	tccaggtcct	tatcatcctt	caggttgtct	taaatgtcat	ccaggtgtgt	1200
gtatttttat	gtaatccttg	tatgatatta	agcggagatg	tggcatttgt	tcattaattt	1260
gtagacatat	tcagtaacca	tactgaatac	atataatgac	tatgtgccag	catttccgta	1320
tgtgcaagaa	gttcatcaat	agatatagac	tcaaagagct	ctgtcatcaa	gctgttggtc	1380
tgaagagcag	aaggatacaa	ataaaaagaa	ataagtaaaa	ta		1422

<210> 6545
 <211> 3120
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3065)...(791)
 <223> similar to gi3687445 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6545

cgttcaaaat	aaaaatgttt	ttaaaagtgt	aatttccttt	ttatttgcac	ctgtttatga	60
ctgaaaaaat	gactagttat	tatgaagaca	ctactgttga	agatggatat	tttaacatgg	120
agtttcaaca	aaattacttc	ttgagacaga	gctgatgtgt	tttttaaata	acgtgatttt	180
aagcatatat	ttgaacaaaa	ctaaaacatt	tagtattatg	aatatgaaaa	aagatcagta	240

aatcaatgta	ctcttctagg	ctgaattaag	gtagactatt	taaggtttca	aaaaagtttg	300
gctggggcag	aataagtttt	acaaaaccca	tgccatccaa	aattaagatg	acatgtagca	360
gcaagaagta	ttccaatgtc	tcataaccag	ttctcgcaag	caatgtgtat	tccttacttt	420
aaggaagtgt	caaacaaata	gaaaaatctg	gaagaattta	ctaagtgtaa	taaattagag	480
gtaaatcgta	ataaaagaat	ttatgtctca	caaaaatatt	cacaagtggg	agttttcttc	540
taccaacttc	tcagagtcct	tctagccccc	tcttcacttc	tgaaagatgg	gatttaccaa	600
aatctggttt	acatttaact	tttcagggac	acatgacctg	aaaagaaa	tgtagataa	660
tactgacatt	gcctcatgca	ctttctttgt	atcagtccct	cttctgtaag	taatcagaat	720
tgggtccaaa	tggcatagaa	tcaaacatta	tgtatcatgc	caaataccac	ttctgcccc	780
acaaaatttc	atttttctcc	agtaatagaag	aggtggacat	tcttggttga	ctgtagcatc	840
tgtgcccggc	gctccacacc	aaccacggca	gctaacctct	gggcatcata	tttggagtag	900
agaacagtgc	aggtccacgt	ggcctcttct	cctctgttgg	tggctctcag	catattacag	960
atttcactgt	aaaagtgtgg	atatgtcggc	agttcataga	aaatcagggt	cctgatgcct	1020
tttattgtat	accttttgta	gaaatggaag	cgctctgtga	aaagttagaa	ctgtttctct	1080
ccttgaagga	agaagtgtct	ggccctggag	acaccagact	tctgctgtga	ctcgcagatg	1140
tgggtaaaaa	tcaattcctc	cttcttgaag	taatttcgaa	gacgcacgaa	gtcaaagtag	1200
gaggggatat	agatgagcgt	gtgagacatg	actgcatcac	gatactgtgg	caaaatcttg	1260
ttcacaaaaa	agttaaacct	ggcatcaatc	actgaagcta	ggttttcagc	ttccatcctc	1320
tggaagacat	gtgggagctg	caccaggaca	tgactgatag	agcctgtcat	tgggacattc	1380
ctcacggcca	cctggccttg	catgttgaca	cagtacttgt	tgaacactga	gttgatctgg	1440
gcatcctgaa	gggccccaaa	tagcagtgtc	tggcgatagt	acttggacca	attattgagg	1500
ctccacatcc	gcactcgaga	aaagtctacc	ccatgtgagt	ccaggggtag	taggttcatg	1560
tgattcatca	aatgcaggac	atgctcccag	ttctgcatca	ggtaaatgtc	agcttgatca	1620
atgatgagaa	gctcgataga	agacagaaa	tcaaaaatctc	tcttcttctc	tccttctcca	1680
ccaatgatgg	tcctcaagcc	caggggggaa	gcaatgagga	tatccgagga	gtaaaacggg	1740
gcatagagtc	ggatgcttct	ctgaagtatt	gccactccaa	tcctgaagtg	gtcatcaata	1800
ttgccacaaa	atacggtctc	ataatcctca	ggcctcttca	agttgggtgg	tctctcctcg	1860
ggatctgate	catattctcc	ctgaaacctc	tttttgttgc	tcacaatgat	tttcttcttg	1920
ctgtcacctt	cgaggaggct	gatgaagagc	tgcaccaccc	gcaaagcagc	ttcccggaat	1980
ggcaccacta	tcagtacctt	gggccttgtt	aacccttggg	ctctgaagtc	atcatcatca	2040
cccactccaa	acttctggct	tcggcgtctg	ctattgttgc	caagcacctg	ggcattggct	2100
ttgaggatgt	gattttatcac	atgcaggcaa	tacacatggc	ggatctcttc	cccgttcttc	2160
agagcagtc	tttccgggta	gaacagggtc	ccggtaaaga	attcataatt	aagaagagtt	2220
ctttctggag	gggggtgaat	gggctgcttg	atttttgggg	accagatagg	aactggctgt	2280
tggcttagt	ccagggtgat	tccagaggct	tctggagatg	aagtgacttt	aagtcaatat	2340
cctttggggg	tttaaatgtt	cccccttct	gaaacttaga	ggaaaagaaa	agctggcccc	2400
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gccatctctt	cttccacact	gacatcgcta	ccaccatctt	catcgttcat	ttctgcatca	2760
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ttctttaatg	tagcaagtag	tctgtggtag	ccagaaactt	gttggtggtc	actctctgag	2880
tcgctttcag	aatctgaaga	atctgaactc	tctgacagtt	gacaaatctg	tggctttgct	2940
tcctttctgg	aaacctgtgc	atagaaggga	tgtctctcgc	cgaaatctcg	aagatgtttc	3000
ttctgctttt	tagttagggt	gttgagtagc	tggctctggc	tccggctccc	gcgtttgccc	3060
atagcgaaaa	cgtcaagttt	gcccacttgc	aagagtcgcg	gttttccacc	aggaaagttgt	3120

<210> 6546
 <211> 2848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2738)...(48)
 <223> similar to gi895840 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6546

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gcagtacagg	caccacgtgg	ttgtctccag	gagcttgagg	ggcctgagca	gactgggggg	120
atatcccctc	cccagggctg	ggcccactgg	ccacccttct	gcccaggggc	tgaccctcgg	180
gccccatccc	cagcagccca	aaggctgtgt	tgaagagggt	gatgggagtg	gagccatcgg	240
tgatgagggt	tgatttcagg	cccagggact	ggagcagttt	tacctgcac	tcaggcccag	300
ccacagcaag	gtccctgatg	gtgctggggc	ctatggcctc	tgatcatctg	ttgaacttct	360
tcacctccac	ctcagccagc	tgtcagcct	tgtcacctc	cagctccagc	tgggcccggg	420
catagaccag	ttccagctct	cggaccttct	ggacctctg	gagctcagcc	tccgtttcaa	480
tggccaaggc	ctgtgctttt	agcttggcct	gcagcacgga	cccttctccc	tcaatccggg	540
ctgcctccgc	acgggactcg	gcctccgcct	tggcagtcct	ggtgctctcc	acggccatgc	600
tcagagcctc	cagctccaaa	agttccttgc	gagctttctc	ggcttctgac	tggtcacagga	660
tcttctgccc	ctcaagccgg	ccgcgggctt	cctgctccag	tctctgagcc	tcattgcttg	720
ccgcccgttc	ctgggagttg	gtgggtgatc	cgatggccag	ctggacgctg	cggttcaggg	780
cgccccgggt	cctctgatcc	acaggctcca	ctgactgcac	gtccacactg	ctgaccacca	840
gcccgttttg	ggggaagaca	gcctggctcc	ggggcctggg	cagggccatg	ccatcggggc	900
ccttcgcttc	cgaggtctca	aagccaaaga	cagcagtgcg	aatgatgcgg	gctgagttct	960
tatggaagtc	atcgaaagtg	acagaggcca	cggccccccg	cacccgggat	gcgatggctt	1020
tgcaggcatc	acctacaaag	tctggcactg	aaaagagctt	ggccgtctct	tgggggtcct	1080
tccggctcatt	cacctcaaag	tgccagttgt	aggccagctg	cagttgcagc	ctggcatgat	1140
ccgcccgttc	gatggtgatg	acgtctgtga	agaagtcagg	ccccagcagc	aggcagagcg	1200
cacggcgggc	atggggacgc	ttggggccgc	cagctgagag	ggacaacact	gtgaactgct	1260
cctcaggacc	cagcgacacc	agctcaggcc	cgaagaccac	gcgggctcgc	ttctctcggt	1320
agtcgtacac	ctgcaccgca	gcgttgtggg	gcacgcggta	gctgaccaca	cgggtcttgt	1380
tccggggcgc	caagggtctg	aggctcttag	ctgtgtcctt	ctcacccctg	tctgccagag	1440
ggctcctgcc	cttggttcagc	agctcctcca	ccccgggagg	cagctctttc	tcccacagga	1500
cttcgtcctg	ggtcagcatg	taggtgcttc	caatcacagc	gcgcaccttt	ccggtcttga	1560
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gcagcccctg	ctgctccgac	agcacataca	catcctggat	gccttggtcc	agctgctctc	1800
ctggctggag	gaaaaaagac	ttctctccct	tgaccacgcg	cttctgcccc	agctgattct	1860
tgccatccgg	tccgacaggg	tcgagaatca	cgcagtagtt	gtggggggccc	agggtggtga	1920
tgggcacaa	ccccagcacc	tctcgtgga	catctggcac	gtgggcctct	gtgtcctgca	1980
ctgttaccag	ccactcctcc	ccagtgcggc	gggacactcc	cctgaagtcc	cgggaagttcc	2040
gccagcccg	gaggtgcagg	gctgtctttt	ccgttaaggat	gacggcgtcc	accaaattcca	2100
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ggatgtacgt	gccagggtccc	tcgaaaagcc	actcatctcc	tgccaccacc	ttgtctccat	2340
ctttatcctc	aaaatcaagc	agcgccttta	gatggagggc	agtgttgggc	agaaccacct	2400
gcaggggtgt	gatgtccttt	tccagcacct	cccctgggta	cagggggaag	gggtcctggg	2460
ccagccggat	ctcgagggtca	gcgtggcgaa	gccgaacttg	ccctgtgaca	tcaaacagca	2520
ccaagccctg	ggcatcccga	gacacagggt	tggccactgt	gcagtagtga	cgtgggggga	2580
cggtcaccat	gcgcatgggg	gcaaacagta	ccctctcatt	gtcctgccgg	atgtaggtct	2640
ttggcccagc	ctccacacgg	gacacgttgc	tgttctggtc	cagcacatgg	atatagtggt	2700
atgggggggat	gcggatgatg	aactcttcag	ttgcccaggt	gactcctaag	cccagggctc	2760

```
acaagaagat gactggtagg tgggggagac gacacaggat gaacctgggg agcatctaga 2820
agtgcaggta gctgcaacaa acacgaaa 2848
```

```
<210> 6547
<211> 1845
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1846)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1749)...(1447)
<223> similar to gi950411 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 6547
tttttttttt ttccaccgtg ttccctggagc tgcccgtgc cctctgcctt gtccgtcccc 60
ggcagagctg ggagccggcc ctccagcatga ccaccgaaac tttatttaca acacgaggct 120
ggagtaagag ggggtgggatg gaggacagca gcaggggccga caggacccta cttctgctcc 180
cgccctccaga cgatgacccat gccgctggcg tcactggagg ccagtaggct ctcgtcgcag 240
ttgaagctga catcaagcac aggtgcactg tggccctgca gcttggtgac agcagccttg 300
gccgcccgtt ccacatcaaa gaagtgcacg cacatgtcct cactgcccgt caccacgcag 360
gccccctggc ggaaggacat gaggggacag aagatgctgc gcacaggatg tgagctctgc 420
tcgatgggga agcttctctt cagctgcagg gtccccctgt tgtctaccac cctgtagagc 480
agcaacttgt tgaggcaagc attgatgagc agtgagggat cccgggcctc gcggctgacc 540
caggaccggg ctgagatgct ggtcacaggg ctccccctcat gcaccaccaa acgcttggct 600
ttggtcagct tcctctgtggc catatcaaaag aggaaagaga agacactgcc acggtcatca 660
cccgccccaga gcagccggcc aggggcatca aaggacagag caaggacacg gcctgtcagc 720
ttgctggagc ccccccttcc tttcttgctt gtggagatgt tcatgacatg cacgttgtgc 780
ttggcggttcc ccaccacagt gaggttgttg ttgacaggct ggaagggtgca gcagagcagt 840
tcagcgctat cggggtcagg gatctctcgg atgcagcgac catcctcaga ggcccagatg 900
cgcatggttg catccagtga ggtggacacg aggatgtcat tggagaggga ccaggcgaag 960
tcggagacac cacgggtgtg gccccgtagc acgcgaagca ctgtgggtgg ggcaggcacc 1020
agctggcaca gggagatgct gccgtcgagt gagcagcagg ccaggcgggtg tcggtcatca 1080
ttggcgaaag gcacccttgg gactgcctca tccacgtgct ggtcaaaaac atgatacatg 1140
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gcattctccc gcagcagctg gctgcgccgg cggtataact gcgtccgaaa ctgtggaaac 1560
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1845

<210> 6548

<211> 1627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (397)...(1289)

<223> similar to gi6018317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6548

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cctccccagt	tggaaaaaaa	aaacgactcc	tgacctttcc	cagcctcctc	ggtccactga	180
gggaacccgc	agccccgggc	ctcgagcaga	ctgctgggac	tgcggggcgg	ccggggcgcg	240
ggcctgaggc	ggggcggggc	gggtcgggtc	gggggccttt	aagaggcgcg	gtcgccggga	300
ccgacacaga	cgcggacagc	gccgggactc	gccgccccgg	gactcgcgca	gccccgagcg	360
ctccggctcc	tcctctcgcg	accgccctcc	gcagcgatgg	acggagacgg	tgacccagag	420
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tgtggggaag	aggacttggg	aggctggtgt	gacgtggagc	atggtgggga	cggctggagg	840
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cgtctcgagc	acggggggca	ggactccgtc	tactggaagg	gctggttcgg	ggccccgggtg	1260
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gggcgtgagc	ttggactgga	cccactgctg	attccctgca	cctagcacag	tgcttgccac	1560
aaagtgggct	ctcaataaat	attatttgct	caaggaagga	atgaatgaaa	aaatggataa	1620
acactga						1627

<210> 6549

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1033)...(222)

<223> similar to gi2662621 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6549

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tgtaaaaatt	atgctgtatt	atcattttct	ccattgcttc	ttaaaccact	gaaagtaatt	180
tcacaattca	ccacatttag	gcattcttct	tttcaacttc	ttcatttttt	acttcttttag	240
gcaacaatgg	atcaatcttc	agtaataaac	cttcaactgt	tgaactacga	aggaaagcac	300
gtaccacaaa	gggacccaaa	ttcagcggtc	tgtgcctaca	aacttcatta	ataactgctt	360
gcagattggc	agctatctgg	tcacttgaca	tatccaatgt	tgctattttg	gtctggagaa	420
agttctccct	ttcttcatct	accttaattt	catgtccatt	tttaaataat	tcaagcattt	480
tggggatgtc	acggccaatg	gaatttcgag	aaagctttgg	atatttttta	ttcagtttct	540
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ttacagaaca	agaacaaagt	gatgtctgat	aaaccattct	ggaaaggcta	tgccctttgat	1140
gatgtatcaa	ggctctaccc	atgcacctta	cggccgcccgc	catgttgggc	actccggatt	1200
gcgttcacga	aattgttcct	acgtttctac	tgggaagaat	taaaaaaagg	ttccggttcta	1260
gaatccgcaa	agagggaagg	agttaaaaaa	aaaactcggtg	cc		1302

<210> 6550

<211> 4254

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(3436)

<223> similar to gi3882215 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6550

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gccccagccc	catggaccag	ccctctgctc	cctccgaccc	cactgaccag	ccccccgctg	180

ctcacgcaaa	gccagaccca	ggttctgggg	gccaaacctgc	tggccctggc	gcggcgggtg	240
aggccctggc	ggtgctgact	tcattcggga	ggcggttgct	ggtgctgata	cctgtgtatt	300
tggccggggc	agtgggactc	agcgtgggtt	tcgtgctctt	cggcctcgcc	ctctacctgg	360
gctggcgccg	ggtccgcgac	gagaaagaac	ggagccttcg	agcagcgagg	cagctactgg	420
acgacgagga	gcagctcact	gcgaaaaactc	tctatatgag	tcatcgagag	ctacctgcct	480
gggtcagctt	cccagacgtg	gaaaaaggctg	aatggctcaa	taagattgtg	gcccaggtct	540
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ggggatctaa	cccccatctg	caaacatttta	catttacacg	agtggaaactg	ggtgaaaagc	660
cattgcgcat	cattggagtc	aaggttcacc	caggtcagag	aaaagagcag	atcctgctgg	720
acttgaacat	cagctatgta	ggtgatgtgc	agattgatgt	ggaagtgaag	aaatattttt	780
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<210> 6551

<211> 1871

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1833)...(309)

<223> similar to gi4914604 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6551

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cggtgatctc	ggtcctgggg	gaggccaggc	cgggactctt	ccaaggcctc	ctccctgggc	180
agtccagca	atggggccag	tggcagggca	ggttctccct	gccagaacct	gacccatgcc	240
cttcagaagg	actggacctc	tgtgtccctt	cagtgggaag	ccaccttgga	cacacgcagt	300
cattcaggtg	gacataaggc	cactcttctc	gcccttgacc	ttgagggaact	cagccatgct	360
ggagaaatac	ttctggttgg	cctcagccac	cttcttctct	gccgcctgtg	ggttcacaat	420
ctccaggccc	tggagtgggg	tgaaggccac	gctggaggcc	gtgcccagg	agcggtcgcg	480
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<210> 6552

<211> 2348

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (179)...(1457)

<223> similar to gi4191784 in the genept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6552

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gcgcgcaagg	gtcggcgctg	cacgtgtgaa	accggggaac	ccatggaagc	cgagtccggc	180
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```

ctgggttaaa gtgattctct cagctcagtc tcccaggtag ctgggattac aggcattgtgc 1920
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gctggtctca aattcttgat ctcaagtgat ctgtccgccc cggcctccca gaggctgtgg 2040
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aacacaattt gcttctgccc gttgtcttcc tgccagctgg gtttgccag gatttctccg 2220
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aaaaaaaaa 2348

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<210> 6553
<211> 2537
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(992)
<223> similar to gi517093 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cggctctcag ctacccgcag gaggaggcca ccctcaatga gatgttccgc gaggttgagg 180
aactgatgga ggacacgcag cacaaattgc gcagcgcggt ggaagagatg gaggcagaag 240
aagctgctgc taaagcatca tcagaagtga acctggcaaa cttacctccc agctatcaca 300
atgagaccaa cacagacacg aaggttggaa ataataccat ccatgtgcac cgagaaattc 360
acaagataac caacaaccag actggacaaa tggctctttc agagacagtt atcacatctg 420
tgggagacga agaaggcaga aggagccacg agtgcacat cgacgaggac tgtgggcccc 480
gcatgtactg ccagtttgcc agcttccagt acacctgcca gccatgccgg ggccagagga 540
tgctctgcac ccgggacagt gaggctgtgt gagaccagct gtgtgtctgg ggtcactgca 600
ccaaaatggc caccaggggc agcaatggga ccatctgtga caaccagagg gactgccagc 660
cggggctgtg ctgtgccttc cagagaggcc tgctgttccc tgtgtgcaca cccctgcccg 720
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```

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aaatcttcca	tagaagc					2537

<210> 6554
 <211> 2491
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2219)...(1357)
 <223> similar to gi3860004 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6554	
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atccacagag	aattagctga ttacatgaca gtgacagtaa agaactaaag aaaccggcaa 180
aaccgagAAC	tcgctgctat gcagggttta catgtttgca atctgaaatc aaaaccataa 240
aatagagttt	aacgggaatt taagaaaatt aaatatatat cccaagtagc tgacaatgta 300
gagcccataa	cctagttacc aaatgttaaa aaaagttatg tgccctctct tcccaaaatg 360
ttagtgtgta	gctattctta caaatgaggg gaggggagac ggtggacctg ggggctcgga 420
ggccagacca	gggcatttcc ctccacacca gcgggaactg catggaccct cccagaccct 480
gctctggcag	acgaccccga agttaaggga tgttttcccc ataacgaatg ttcaaagttc 540
gtgcatcact	ctgctgttcc ctacacataa ccgggaaaca ggtttaatcc aaaatgtaac 600
caggagacct	cccgcccccg ccccgcacac gcctgaggtg tgacggctcg gcttctagag 660
tggcctgggt	tctgcctcat tctaattggc ccaacggaga cggggacgcc acgcacgggc 720
acaggtgacg	tcacgggcac agatgaccac gttgcgggta cggagaagac cacaggctgg 780
gctcacacga	ggggaaacat tcacactgtg ttctctctac agggtcaggt cgtttttctt 840
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gaaactgcg	gtagacatct	cggatgcact	cccccttggg	ggtgaacagg	aattttagt	1440
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gaaggaaaact	ggctgaggcc	aaactggact	gtttattcct	ttttggatct	tcagctgcaa	1620
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<210> 6555

<211> 2178

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1986)...(345)

<223> similar to gi340448 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6555

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tgggaccaac	caacctcggg	tgcttgggaa	gcatcatttc	cttagaaagt	cagaagtcac	240
ccatgacatt	tctaccccc	gccccctcct	ccatgagtac	actatgtgga	cttaccacat	300
tttttacttg	tgggtaaaa	tcacagcaaa	agtttctctc	ctatgtggat	tctctgatgt	360
caaataacat	ggaagcacc	acagaaggct	cttccacccc	aataacgtgc	acagggtttt	420
tctcttgcat	gatttttttg	atgtcaaa	aagccagggc	tctgctttcc	ggctgccctg	480
cctttgctcc	gcctgcagag	ctctttctg	agttcgggtg	ttgatgctga	accagggtg	540
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<210> 6556

<211> 2361

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2362)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (695)...(1542)

<223> similar to gi5596705 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6556

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cgatccccaa	agaaaagagc	gagtgggcag	gcagctgcga	gacagaaccg	gagtgtgcag	180
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cgggtagatg	cgggggtggag	aagaaaggat	gttgccctgca	ctgctcgcca	atagcacctt	360
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atctgatttg	tgcgaaaaca	tgcttgcac	ttgtacctgg	aggaactgga	gacagtggat	600
tcgaccttta	gtagcgggtca	tctacctgg	gtcaatagtg	gttgcggttc	ccctatgcgt	660
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<210> 6557

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(671)

<223> similar to gi5052364 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6557

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gttaccatta	aagaaaacaa	cccagaagaa	attttgaaaa	taatgaagac	aaaaggtctg	600
caaggaacca	ctgcactttc	cagacaagca	ggccaagaaa	ctcttttcagt	cctcaagttc	660
accaagtctt	agcatacagt	gtgtgccag	aactactgga	aactgaatgc	atttagcata	720
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cctttggatt	cagactgaat	tataccacag	gccttcctgg	gtctgcagct	tatagatggc	840
agatcatggg	acctcttagc	ctccataatc	atgtaagcca	ctttcttgta	gtactggtaa	900
aagatatatt	agaccaatct	ataaaacagc	tagctatgaa	agagaaaggt	gacaggcaca	960
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<210> 6558

<211> 2628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2538)...(1016)

<223> similar to gi32356 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6558

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gtcacatgca	acaaatgaaa	atgaacacat	taactcattg	ttataacttt	ataaaatctc	360
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ctaaccatta	caactgaacc	agagggattt	cctccatgca	tgtaagagga	agaagcctgt	1680
ggtaatggat	aagcaacaag	ttcagggtgta	tctcgagagc	ccattctgta	acgacttggg	1740

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aaaggcaata atggaccatg ggatccatag ccatcatgtc taaacgaaga aggggtgttct 1800
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gtgtagtccc aactgtcatt gtcattccta ataacattta gacgagttgg ccgtgcatat 1920
tcaattttta gtgtgcaaca tccagcatat atatcagctc cattgagtgc tgcttttagct 1980
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acatggacga cgggtgaaac agaaacttta tgatgacttc cacctgcctc cggctgagag 2460
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<210> 6559

<211> 1631

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(1053)

<223> similar to gi5306062 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6559

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acgtcgggga cctccagacc ctgaggagcc tattgcaaga ggagagctac cggagccgca 240
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gtaccagat ccttctcgaa gctggcgcg accccaacgg aagccggcac catcgagca 480
cccctgtcta ccacgcctct cgcgtgggccc gggcagacat cctgaaggcc ctcatcaggt 540
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gcagaaaagt	acgcctgcag	ccacagagat	gtgctcccag	tctccctctt	ttctgactgc	1500
tgggggtgca	caccacagcg	aggcccaagg	gctgtgatgg	aggcctagga	tggaaggtgg	1560
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acagttgcaa	g					1631

<210> 6560
 <211> 1684
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1565)...(752)
 <223> similar to gi3875449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	6560					
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tatacaatta	aatcaagaac	attaggaaaa	tttttttgca	aaaatgtcaa	aaaaagattt	180
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aattgtgaaa	atgtctggct	tgaaacacct	ttgacattta	tctcactttc	gctctcaagt	660
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ccaatagccc	catgggattt	attatcttcc	acatctcaaa	gagctctttt	ccagtcattt	1020
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cagtgaagaa	gtcaacaaga	ttttttatgc	cttcagtggg	catgtctggg	tactcgtctt	1260
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cccc						1684

<210> 6561
 <211> 2012
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2013)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (231)...(619)
 <223> similar to gi3947625 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6561

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attatcacia	ctgttttggtg	acctacttca	ctgacctgtg	aggattcctt	cccttcaagt	180
actggattct	tgatctttct	gcatcatcaa	gaatggaaac	agactgtaat	cccatggagc	240
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gccttatttg	aaacaaatta	tcaactagtt	tcccctgcac	aaattttgaa	attcactgct	1140
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agccagccaa	ctaagcagag	gataaaccgt	tagcaaatga	atgtaataat	tactcatttc	1320
caagatatct	aagcacataa	gcaaatacag	gaacagactt	cattcttttt	cttaacaaaa	1380
aagcatcttc	agtgtgtgat	ttaaaagaaa	gaagattctg	gtttcctaga	aaacaatatt	1440
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atctgggtcat	acctcatgg	catttaataca	tttncagata	attttccatc	attaataaaa	1920
aacaggaact	tttaggcnc	gaagatcagg	ngaccagngc	caaataaagg	tcngttgtgt	1980
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<210> 6562
 <211> 1847
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (466)...(1745)
 <223> similar to gi3885500 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6562

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ctaagaaaa	ggtagaccaa	aaggaggaa	ctggggaaaa	agaggtgtgc	ggagaccaga	420
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tcccggccat	ggtcaacgac	cctccagtac	ctgccttact	gtgggcccag	gaggtgggcc	600
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tcctcctttt	gctctgggtg	tctgtcttcc	tctatggctc	cttctactat	tcctatatgc	720
cgacagtcag	ccacctcagc	cctgtgcatt	tctactacag	gaccgactgt	gattcctcca	780
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acaattcccg	gaaggaaagtc	caacgaagga	tctctgctca	tcagccaggg	cctgaaggcc	1440
aggaggagtc	aactccgcaa	tcagatgtta	cagaggatgg	tgagagccct	gaagatccct	1500
cagggacaga	gggtcagctg	tccgaggagg	agaaaccaga	tcagcagccc	ctgagcggag	1560
aagaggagct	agagccctgag	gccagtgatg	gttcaggctc	ctgggaagat	gcagctttgc	1620
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<210> 6563

<211> 6309
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(6310)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (117)...(3055)
 <223> similar to gi3043658 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6563

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gggctcccgc	gtggccgtct	cggcgccctgc	gtgacctccc	cgccggcggg	atgtggcgac	180
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ctctgacaaa	ccttccttta	cgtaaaactga	aattctctcc	aattaaatat	ggctaccagc	420
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aaaaaaaa						6309

<210> 6564
 <211> 1761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (203)...(1546)
 <223> similar to gi2088804 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ccagtcacag	ccagcattct
ttcgtccact	acatcaacat
tcccacacct	ccctgaactt
gttctgggcc	gccgcttcat
tccctctttc	gctccatcct
tgaggtctgt	gccgatccct
ttcctctgct	atccgtttg
aagacaagcc	tcttcaacca
gcaaagagcc	gggactacct
ctgtatggcc	cgagcgccat
agtgaggtgg	agttcctcaa
tccatgctga	gcgcctacta
tactatgaca	agcgtgtggt
atcctcatgc	agcactgtgt
catctgggct	gttggcagaa
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aaagccgtag	gccactacaa
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gccctcatcc	tcttcagcaa
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	ctctgtctagc
	ccccagagag
	acctggacca
	ccgtttctcc
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	1440
	1500
	1560

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<210> 6565

<211> 950

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (913)...(745)

<223> similar to gi4467884 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6565

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<210> 6566

<211> 1618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(1338)

<223> similar to gi5689427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6566

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<210> 6567

<211> 3277

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3250)...(412)

<223> similar to gil469882 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6567

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 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (214)...(6106)
 <223> similar to gi3169000 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6568

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<210> 6569

<211> 3156

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (233)...(2990)

<223> similar to gi4884417 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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 <211> 2730
 <212> DNA
 <213> Homo sapiens

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 <221> misc feature
 <222> (2280)...(1148)
 <223> similar to gi5921491 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6570

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<210> 6571

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (593)...(339)

<223> similar to gi5106994 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6571

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gggaaaggaa gggggagcgc gccagcacc gcttgggcct cctccaccgc ctccaggagg 720
gaaacacgag agccgggagc acaacagcct cgcacgccc cgcgcgcgc gcgcccgcgc 780
ccgcacgaaa 790

```

<210> 6572

<211> 2329

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1652)...(797)

<223> similar to gi4680699 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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cagtggatgt ctatccacaa gctttccagc ctgggtctgt ttatgtgtac atcctgaaaa      240
tttgccaaaa tagcagcaac aactgatgat atcataggga aaaaactcac tgccacaaga      300
aaccaagcat tgttgagtca acttcttttt ggtcacttgt ttataactta ctagataagc      360
caaaagacct gtttgttaca caaacatgca tgcattccagg tattaatcca ttctcacact      420
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gttccacatg gctgggaagg cctcaggaaa cttacaatc acggtggaag gcacctcttc      540
acagggcggc aagagtgaga atgagagcca gtaggggaaa tgccaggcac ttataaaacc      600
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aaccatccct gattccaggg ataggtagat gatccggggt tggacaatca aaatattgaa     2280
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<210> 6573
<211> 4562
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (224)...(3191)
<223> similar to gi5689515 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6573

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caagactaac	aaaaagcaca	tccacagccg	gagcactttg	gaatgtgcct	acaggacgca	480
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aa 4562

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<210> 6574
<211> 5103
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (73)...(2266)
<223> similar to gi36484 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6574
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ctgcagaaga cgctggagca gttccacctg agctccatga gctcgctggg cggcccgcc 180
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aaa						5103

<210> 6575
 <211> 2888
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (94)...(1003)
 <223> similar to gi5834570 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6575	
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tgttcgggcg	cggggaaggc
agccccgggc	ggccagtggg
aatcccgaat	atgttgtcaa
tattgaagaa	gattttaata
gttggaatgga	tttattgctc
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ggatcggcca	gcggaaccac
ggagcgggcg	ccgctgccga
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tgatgaaagt	catccctcac
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atcaactgtg	tcatcaaaat
atgcagaatt	tccaatgtat

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caagctgtat	atTTTTcaaa	ggtTTTTtaa	actttggaga	ctctttcttt	tgTTaagcag	1860
ttaaaggaat	aaaagagctg	gaaaaaaaa	tgtaccttca	actcagggtg	ttccatataa	1920
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aaaattca						2888

<210> 6576

<211> 2562

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1899)...(794)

<223> similar to gil518458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6576

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caaaggcgag	ggacaagaga	gagTTaacat	ctagacagtg	gaaaaagcca	tggTgtgtgg	180
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TTTTatcata	ttccaccat	cacttcaggg	ttttaagagt	cagtgtctac	ctgggcggag	360
ctggtagtac	atTTtgcttc	ttagaaagct	aagtcctggg	ttccgtctga	ttttagggtc	420
caggaaacttc	ctgagaacac	ccgatcgag	agggtaaatt	tctggagttt	gttttgagg	480

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gaagcagcgc	ttgcagatgt	acaactcgca	gcaccgggtca	gcaatcagct	gcatccggac	600
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<210> 6577

<211> 1433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(1011)

<223> similar to gi3859998 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6577

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catgaggtgt aagacgtgcg gagaatacat ctacaagggg aagaaattca atgctcggaa 240
ggagacggtg cagaacgagg tctacctggg cctgccatc ttccgctttt acatcaagtg 300
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<210> 6578

<211> 2291

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1847)...(118)

<223> similar to gi2950170 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6578

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cagatccttg tgagccaggt gcagcacacg cacctcggca tactccatct tgagcacgct 540
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taaaaaaaaa a 2291

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<210> 6579

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (212)...(590)

<223> similar to gi4929689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6579

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caagaatgca tgtgatcacc tatcgggatt caatgtttgt aacagatacc ttgtggtttt 480
gtactataat gccaacaggg catttcagaa gatggacaca aagaagaagg aggaacagtt 540
gaagcttctc aaggggagaaa tatggcatca acacagatcc accaaaataa atgttttcta 600
cattttcatt tggactaaat cccacgaatg acaactacca cttttttttt cttttttaat 660
taatactaaa tattgtgatt tcttatttga ggttcaaaat gacctggctg gaaactttga 720
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<210> 6580
 <211> 2585
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (220)...(1654)
 <223> similar to gi516381 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6580

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cccgcgcgcg	cgccgcgcgt	ttcccccgac	gactgggtga	tgctggacat	gggagatagg	240
aaagaggtga	aaatgatccc	caagtcctcg	ttcagcatca	acagcctggt	gcccgcgggc	300
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caccaccacc	accaccacca	tcaccaccac	ccgcgcgcgc	ccgccccgca	accgcgcgcg	420
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gccgcgcaat	cgaacgacga	aaagggcccc	cagctgcttc	tgctcccgcg	gaccgaccac	540
caccggccgc	cgtccggagc	taaagccgga	ggctgctgcc	ggcctgggga	gctggggccc	600
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ttaatgttgt	cttaaaattt	cttgattgtg	atactgtggt	catatgccc	tggttggtcac	2520
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aaaaa						2585

<210> 6581

<211> 4142

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (402)...(2070)

<223> similar to gi4753775 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6581

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ctatgctccc	ttttgcccgc	cgtctcctcc	tcttgcccgc	gcaggcaccc	ctctggctgc	300
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gagttccttc	ttaaaagaag	aaaaaagtga	ttatttagac	tatggatcgg	agcaaacgga	420
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ggttttgggt ccaggcccca ggggaccagt ccatgccctg cgggtgcttc tgaggagatg 1980
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tggtacattca gctgaaacca tatggccccc taggtgcaca gccttgattc tccctggag 2160
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gagggtaatg gtccactagc atataagctc cataagagca gggttttgtg gtctgttttg 4080
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at

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- <210> 6582
- <211> 2506
- <212> DNA
- <213> Homo sapiens
- <220>
- <221> misc_feature
- <222> (451)...(1515)
- <223> similar to gil83438 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tcgtgcacaa gcctcagtg ctcgagtcgg cgctcctcg gcccgcgggc gcctcctccc 180
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cgtgcgggct gtggcaggga agggggccacc atgggatgta ctctgagcgc agaggagaga 480
gccgcctctg agcggagcaa ggcgattgag aaaaacctca aagaggatgg catcagcgcc 540
gccaagacg tgaaattact cctgctcggg gctggagaag caggaaaaag caccattgtg 600
aagcagatga agatcatcca tgaagatggc ttctccggag aagacgtgaa acagtacaag 660
cctgttgtct acagcaacac tatccagtc cttggcagcca tcgtccgggc catggacact 720
ttgggcatcg aatatggtga taaggagaga aaggctgacg ccaagatggt gtgtgatgtg 780
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ctctggggcg actcaggaat ccaagagtgc ttcaaccggg cccgggagta tcagctcaac 900
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tgcttttgtt tgggggccct gggccccttt ttaatgggg ggaggttggg gctgcaaaaa 2460
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<210> 6583
<211> 1919
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (119)...(1034)

<223> similar to gi5059323 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6583

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gaagcgagct	caccccaggt	acagctcctc	ggacagcgag	ctggacgaga	ccatcgaggt	180
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gaatacgct	gcatttacca	gccccagcaa	cacaaagaat	ttttaatcac	acggatctca	1860
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<210> 6584

<211> 2162

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(793)

<223> similar to gi5420389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6584
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tcccatttgt tccttcggct gataactcca acctctctgc tgacggagat gactccttca      180
ttaacgcgga ctcagccatg ccaagccctt tcagtgaatg ctccatcagc agtgagctgc      240
aacttggtc cattccccctg gacgagagca gcagtacat gctggtcatt gtggatgacc      300
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tcttgcatcc tgagtcagaa gtggaaatgt ccagcagggg aaggacaggc aggtggatgg      960
tgtgagcact tttatcatct gtgtctcatc aggagcatct ggggtgcctg taggaggaag     1020
gccacagggc atggatcagc cccactgcat ctcaagtga ctgtatagcc aagtcttaaa     1080
cctctcacgg ggcaagcctg acacagacc cctttagatg ctcaggcata ctgtttccat     1140
cccattcca ctcttcggct ctgacacgtc ccttgcaaag tctccgcagg tgctgtgaag     1200
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aa

```

<210> 6585

<211> 2081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1591)...(681)

<223> similar to gi5912261 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gatttgatac	atttattcta	gcagtggtg	agtcacataga	gtaaatttca	agtaggatat	180
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<210> 6586

<211> 1722

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (81) \dots (1723)$

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<223> similar to gi5410336 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

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agaattcggg cactggagaa aagaaggggtc caaatcgtaa cagagttttc attagcaaca 240
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atcagtggca gagaaattga tgttcgcttg gatcgtaatg ca 1722

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```

<210> 6587
<211> 3549
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3550)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (22)...(2312)
<223> similar to gi4691726 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tgcagcgcgc cggaccctgg ctgggcatcc atcagcagggt gtgtgctggt gtgtgacgag 120

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tgctgcagcg	tgcaccggag	cctgggacgc	cacatctcca	ttgtcaagca	ccttcgccac	180
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<210> 6588
<211> 2326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (113)...(1329)
<223> similar to gi3342218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6588

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cacctcggtg	gcctctgaaa	acgccagcac	atcccagaggc	tgtgggcttg	gacctcctcc			240
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<210> 6589
<211> 629
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (130)...(253)
<223> similar to gil296429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6589
cctctcaagc gtttcagggc ttttgtggat cgacccagca cccctgccct gcactcctag 60
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caggcttgac agccccaccc actcccacat gtcactgcta ccatccacca cggacatttg 180
agtcctgaac ttgtcatgct cagggaagtc ctgtgatgtg ccttgtcctt ctcccagggtg 240
ctcaccacct aacacagggtg cagatgttca caaacagcca cattctgccg tagctgtctc 300
caatctgatg tcaccacctgc cttggcctga agccctccag ctactagtgc tgcccaaaga 360
cccctcaagg ggtagtttgt tctcgcattc cgcccatctt cgctttccag cacacagtag 420
atgttcaata aactgttgat cagattctga ggtctgtttg tgtttaatca gacaatatgc 480
aaagtattta caaccaattc tggatacccc cccacccccg gcaagtctgg gccttggaat 540
ttcggagccc caggcccggc ccagagccag ggggtcccca ggcctctgca tagtcatctg 600
aatctacaa aacactgtta aaaaaaaaaa 629

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```

<210> 6590
<211> 3270
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (211)...(1693)
<223> similar to gi3043638 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6590
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ggctgccaaag cctgaggccc gcagtccctac tccgcgcgag accgcgcgct ccggtcctgc 120
cccgaaactgc ccacggccgg cagcgcttcc aggcctgaa aaaaactctc ttctgtgtgc 180

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tggccagagg	tatagagaga	gacaggttca	actctaaggc	ctgaaaagga	acaaggccca	240
ccggaagcaa	tggccactgt	ccttggcctc	cagcccctgc	caaccttgga	gcaggacctg	300
gaacaggaag	agatcctgat	tgtgaagggtg	gaggaggact	tctgcttgga	agaggagccc	360
tccgtggaga	cggaggaccc	cagccctgag	actttccgcc	agctcttccg	gctcttctgc	420
taccaggagg	tggctggggc	ccgggaggcc	ctgagccgcc	tctgggagct	gtgctgccgc	480
tggctgcggc	cggagctgcg	caccaaggag	cagatcctgg	agctgctggt	gctggagcag	540
ttcctgactg	tgctgccggg	ggagatccag	gctcgggtac	gcgagcagca	gccggagagc	600
ggtgaggagg	ccgtggtcct	cgtggaaggg	ctgcagcgga	agcccaggaa	acacaggcag	660
cggggctcag	agctgctttc	tgatgacgag	gtgcccctcg	ggataggggg	acagttctta	720
aaacaccagg	cagaggctca	gccagaggat	ctgtcccttg	aggaagaggc	tcgattctcc	780
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ccaagatgca	tggaccacag	tcagcgggac	gcgccgctgg	agaatgaagg	acctggggat	1020
ccagttggag	gacggcgggt	gattggcagg	gaggatgcc	cgttgagaat	ggagtgggtac	1080
cgagtgtctt	cggcacgatg	ccaggggcct	ggccacccgc	tcccagggtca	gaggccagcc	1140
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gcttcccatg	gggctgacaa	gccgtacacc	tgccccgaat	gtggcaaagg	cttcagcaag	1260
acgtcccact	tgaccaagca	ccagcgcaca	cacacgggcg	agcggcctta	caagtgccta	1320
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ggcgagaagc	cctacccgtg	ccccgagtgt	gggaagcgct	tcagccagag	ctccagcctg	1440
gtcatccacc	gcaggacaca	cagcggggag	cgccctatg	cctgcaccca	gtgcgggaag	1500
cgcttcaaca	acagctcgca	cttcagcgcc	caccgccgga	cgcacacagg	tgagaagccc	1560
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ggtgcaaaag	cctgatcacc	aggcctgaaa	ctccctttcc	aggactctca	tccctgggca	1740
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cccatggccc	agtatgaggc	cagcagggga	catttggtat	gcccaggccg	cagaggaagc	1860
tgggactgtg	gtgcagaaca	agggcaagga	caggctctga	gtgtccagtg	gcagccagaa	1920
caggtgacac	agagcagggg	cttcagccac	agagacacac	tcaggaggcc	agaagccgac	1980
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tctgtgaccc	tgtgcgtgtg	ctctgtgtgt	acccccacc	tgctcccccc	cccttttttt	2160
tttgagacgg	ggccttgctg	tgtccccag	gcgggaatac	agggccatga	tcatagctca	2220
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cccagcctgg	gatgtccat	tgcatttgct	acctagtcac	tgtatatacg	tgcacatttg	3060
accttttggc	acagcccagg	ttccagggtgc	gtgacctgcc	ctttttctca	ttcccttaac	3120
tgacattatt	tagtgtcaga	ggccgagcac	agtggctccc	acctataatc	ctagcacttt	3180
gggaggccaa	cgcgggtgga	ttgcttgagc	ccaggagttc	aagagcagcc	tgggcaatat	3240
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<210> 6591
 <211> 4454
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4270)...(2550)
 <223> similar to gi3882255 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6591

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atcggttctt	aatacagtac	aatccttttg	ttgaacaaaa	gtcacactgg	caatgattat	180
ttacagatcc	aaaatagact	caggcttcag	acataaaaaa	tttaacattc	gtctagttca	240
gtgattagtc	acagaaatta	aacatctgcc	cagatgtaca	caatttggtg	aaaactacag	300
cttctctcca	cggggagccc	agagcccgtg	ccgatccgcg	ctccgctccc	gaggacttcc	360
agggaggggc	ctgtgctggc	agcagagcca	gtcgggtggc	ctcccccgac	cccccgctcc	420
ccgaatgtgg	ccctccctgg	gggcttcggc	cacacctggc	acgtggtcag	ttttcatctc	480
cctttctcca	caaaagggac	tcgaactaaa	ccacccgacg	ctggtaaagc	cccatctgcc	540
ccagggaccc	ctcccgctgt	gtttggggac	tgaatcccag	cacctaggaa	gaggcgctca	600
ttggccccga	ggccccggac	ccatccttgg	gcaactgccg	gccctgggga	gagaggtgtg	660
gccattgtct	gcgggcactg	cctctgcagc	cgccccctgg	ggtgggtcag	tgcccaccct	720
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caagggcaaa	tgccacagga	gggtctcatg	taagaggaag	gaggggccgc	aggcccgttt	2040
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cctctgcccc	ctccccagct	ctgcgggtgg	ccctcagagg	cacctgacgt	gccctgtggg	2340
agagggggcac	ccccgtccct	gtgagccctg	gcccccttct	ggtcgataaa	acgcagaggt	2400
caacacaata	gaaccacagg	tccaggagaa	ttattgcaaa	agctcatgag	gatgtccaat	2460
tgtttccact	accaaatcgt	aaaaaaaaaa	aaagaaaaag	aaaaagaaaa	agaaaattcc	2520

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agcaacgtcc tgggcaagtc aatactagct gtccccgcca gacgctgccg ctgagggtgat 2580
cttgatgtac tggctgagaa tggctctgaa ggctcatcc ctgtgcacca tggcaccaaa 2640
cacgagcggg ttctgggtgg atggcgtcga cacggcaatc cccatgcctg agcctgggag 2700
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cctctttgag gaccagatt tggagctttc gaagcacaag taattctgcc gtgacgtaga 2820
gcaccccggt cctgatgtag tccgtgggca tcttccggtc cctggtgatg aggcagcagc 2880
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tgtcgtactt ggcgcgcagc ctccggcagc gtttaaagat gaaatcaatg aggaagaact 3180
tgataccagc atagagtccc acggcaagcc ccaccaggcg gtaggggaag aagcaggagg 3240
ccaggaaggg agcccagagc gccacataca gcttctgtgt gatctccggc tggaccaca 3300
tgaacaagtt cttgatcttc tccagatgt cagccatctt cccgaaaagg ttctgggctt 3360
tctgggcgac gtccagcacc agctggaact tctcagacac agtcagggtct tcctttggag 3420
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cctggactcc tgtggccatg atgagggtcc ctggaccagc agggccctc agctcctcgc 4140
tgtcccggg cgagggtccg ggtaccttca gggggatttc gtcgctgcat tcggtgtccg 4200
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ttttgtccaa cctccttagc atgttcagca ctgaggctct ctgcttcacc ctaacatgac 4320
gctcgggttc cctccgtctg tctcagatac atccagaaac actccttcac tgtggctcct 4380
tcaggctcctg gcccgaaacc agaattgtgt tcgaggaccc accaaccata gcctccaagc 4440
caccacac cagc

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```

<210> 6592
<211> 1839
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (429)...(1840)
<223> similar to gi3882311 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6592
tttcgtcgcg ctccgagcgg ctgtcggcgt gcgtatcgc cccgccctgg ttagtgtcta 60
gccggccggc gaggcctgcg cagttgcagc ggccggggaa gatggtggag gacggcgcg 120
aggagctgga ggatctggtg cacttctccg tgtctgagtt gcctagtcgc ggctacggcg 180
tcatggagga gatccggcgg cagggcaagc tgtgcgacgt gaccctcaag attggggacc 240

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acaaattcag	tgcccaccgg	attgtcttag	cagcctcgat	cccgtatttc	catgctatgt	300
ttacaaatga	catgatggag	tgcaagcagg	atgagattgt	aatgcaagga	atggacccaa	360
gtgccctgga	ggctctgatc	aactttgcct	acaacggcaa	ccttgccatt	gaccagcaaa	420
atgtccagtc	attgctgatg	ggggcgagct	tcctgcagct	gcagagcatc	aaagacgcct	480
gctgcacatt	ccttcgagaa	cggcttcacc	caaaaaactg	cctgggtgtg	cgccagtttg	540
ctgagacaat	gatgtgtgct	gtgctgtacg	acgctgccaa	cagcttcac	caccagcact	600
ttgtggagg	gtccatgtca	gaagagttcc	tggccctgcc	cttgggaagac	gtgcttgagc	660
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cagctacggc	tgagcactgt	gcaggcctac	aacacggaga	cagacacatg	gaccagagtg	1200
gggagcatga	atagcaagag	aagtgccatg	gggacagtgc	tgctggatgg	gcagatctac	1260
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tgattgtccc	catggcacac	gcgcagggag	ccgggtctcc	ctgggtgggc	cagctgtggg	1680
gcgcctctac	gctgtttggg	gggttacgac	gggacagtca	aacctaaagc	tcagtggggag	1740
atgtattgac	cccagagaca	gactgctgga	cattcatggg	cccccatggc	gtgccatgag	1800
ggaggggtcg	gtgtgggctg	catccctctc	ctcaccatc			1839

<210> 6593
 <211> 2542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (52)...(1600)
 <223> similar to gi3806094 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6593						
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gaacgagtcg	ggcagccgct	ccaatggcat	gtgggcacat	tccatgacag	tacaggatta	180
tcaggatctc	atagaccgag	gatggcgaag	aagtggaaaa	tatgtgtaca	aacctgtcat	240
gaatcaaaca	tgttgtctc	agtacacaat	aaggtgccga	cctttacaat	ttcagccttc	300
aaaatctcac	aagaaggttt	tgaaaaaaat	gttgaaattt	ctggctaag	gggaggttcc	360
caaaggaagt	tgtgaaggat	gagcccatgg	attccacaat	ggatgatgct	gttgcggtg	420
actttgcatt	gataaataaa	ctggatatac	agtgtgatct	taaaacactc	agtgatgaca	480
tcaaagagag	tttagagagt	gaaggaaaaa	attcaaagaa	agaagaacct	caggaattac	540
ttcagtcaca	agatttcgta	ggagagaagt	tgggctctgg	tgaaccgtca	cattcagtta	600

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aagttcacac agttcctaag ccaggcaaa gggctgattt gagtaagcct ccatgtcgaa 660
aagcaaagga aatccggaaa gaaaggaaaa ggttaaaact aatgcagcag aaccagctg 720
gagaacttga ggggttccag gctcaagggtc acccaccatc tttgtttcca ccaaaggcta 780
aatccaacca gccaaaatca ctcgaagatt taatttttga gtctttacca gagaatgcac 840
cacacaagtt agaggtgagg gtggtgagat catctccacc aagttcgag ttcaaagcca 900
cacttctgga gtcttaccag gtctataaac gttaccagat ggttattcac aagaaccac 960
ctgatacgcc aaccgaaagc cagttcaca gattcctttg cagttcaccc ttggaggcag 1020
agactcccc taatgggcca gattgtggct atggctcctt tcaccagcag tactggcttg 1080
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gtttctacat tcattcatgt cccaagatga aatataaggg tcagtataga ctttctgatt 1320
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actccaagta ctgccgtttc aaccaggacc ccgaagcagt ggatgaggat cgcagtacgg 1440
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cagttgtgca ttttttttgg ttctgttaga gaaattaaaa cagactgttt cctcaggccc 1980
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tccaaaggaa ataaatagtc actagttttt tatcttaca ctcaggacat ttgtctttgg 2460
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aggaatcatt ccgacctctg tt 2542

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<210> 6594
 <211> 3137
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3077)...(753)
 <223> similar to gi3452409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cagccaggag tagctgtgcc aaagaggaag ggggtgggtga gaagatggcc tcctctttta 180
ggagccacct atctccttcc ttagccccaa caggggagaa gcagatgaca taaagtgagg 240

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cagaaatgct	tcagagggtc	ccccagggcc	tctccttcag	taccccccaac	acgggtcttt	300
ggtggacgta	attgcacaga	cagtccataa	agtgcagtt	gaggggtgcc	cctcccagga	360
acggggcctc	aggggagaac	agggtagggg	gtcccagttt	aggagttagc	actcctaact	420
cagtgccttag	aagtggggga	ggggctcttt	cctgttggag	cagtccccct	ggaggggcct	480
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cccccttcc	ctgcaactct	atctggttaag	acataaaaaa	ttctctgctt	ataaaaaatac	600
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<210> 6595
<211> 2275
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2221)...(614)

<223> similar to gi3378056 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6595

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ggaaggctgg	cggtcaggaa	ggcccatctc	ccagcctgat	cccaggcagc	agggctgcag	180
gagctgggca	ggaaggctct	gggccggcca	tagccacctg	ccagcaaggg	caggcttctc	240
ttctcatggc	tggggcagct	cggcacagct	gacctctgct	ggccaagtga	agcactgcat	300
gcagccacag	agccaggcac	agctgtcttc	cgaagtittc	cgactcctga	tgttttgggg	360
attcaaatag	tccttttcat	atgctggagg	cacaaactgg	ggcagctaaa	atttttattc	420
tgttgtcaag	gggcaagatg	ccagcttgga	agtgccagg	agctaaagg	cccagcactg	480
ccggccccag	aactgtctgt	tcaggctgtg	cagtaagcac	cagagcctcg	cctgtccacg	540
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<210> 6596

<211> 2726

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (67)...(1468)
 <223> similar to gi2121246 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6596

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cggaagctga	gcggggccgaa	aggcaggagg	ctcagcatac	acgtcgtgac	ttggaacgtg	180
gcttcggcag	cgccccctct	agatctcagt	gacctgcttc	agctgaacaa	ccggaacctc	240
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 ttacgctggc ttttacaaaa aaaaaa 2726

<210> 6597
 <211> 2642
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2643)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (917)...(2213)
 <223> similar to gil613848 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 catttctgccc ttttagtttt tacttgtttc tttggaggca gaaattgggc ataaaacaat 180
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gagaaaagcc	ttatgagtgc	agtgaatgtg	gaaaatcttt	cgctgaaagc	tccagtttca	2460
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catttaccca	cagctgtgca	ttcattgttc	ataagagagt	tcacactggt	cagaagcctt	2580
atgagtgcag	tgaatgtggg	aaatcttttg	ctgcaagctc	ctatctcact	agtcacaggg	2640
tg						2642

<210> 6598
 <211> 2306
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (620)...(1196)
 <223> similar to gi609017 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6598						
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caaccatctt	ggggtggact	ccttgccagc	ccaactgttg	tattttcagt	tcttccagtg	120
tgaatcagtt	aatattctcg	ggaacgaggg	agaggttgat	cctatgagga	aatcaaccac	180
agtgaaaagg	cttgggccgc	ttttgttttc	acctgctttt	gttgaaacaa	tttgatttcc	240
ggagtcagtc	attttactgt	caagacattt	cttcggcatt	ctgcaacagt	ttccaacatg	300
gctagatcca	tcagaaaactg	aagccgtgga	gaacgctctc	ggggcctttg	ccacttcttg	360
gagtagaagc	cgacagagag	ctgtttggaa	acttctcctt	cacacaccag	ttgaagacta	420
ggctttggag	gttttcaaag	cagacggtgc	ttggatgggc	agggagaagt	aacattctgc	480
aaatcgccgt	cagaggtcct	gaggacacag	acctacctgg	cttgcatctc	ccttgctgaa	540
tggcgtgtgc	tgcagctgcc	cactgagggc	tcttttcctt	gggattctgg	acttcagagt	600
aggacagcag	gctgggaaga	tgctgagttc	catcaagtgc	gtgttggtgg	gcgactctgc	660
tgtggggaaa	acctctctgt	tgggtgcgct	tcacctccga	gaccttcccg	gaggcctaca	720
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tgaagaacaa	gtggatttgt	gaaattagga	gcaacttgcc	ctgtacctct	gtgctggtgg	960
tggccacca	gactgaccag	cgggagatgg	ggccccacag	ggcctcctgc	gtcaatgcc	1020
tggaagggaa	gaaactggcc	caggatgtca	gagccaaggg	ctacctggag	tgctcagccc	1080
ttagcaatcg	gggagtacag	cagggtgtttg	agtgcgccgt	ccgaactgcc	gtcaaccagg	1140
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caagagactt	cacacaacac	ttatgtatgc	accccaaaga	ctaattggga	gagggagggc	1260
cgggaagcca	ggaaagcttg	gtgtttttctc	tgggtacacc	ccaagcagcg	tctccttttg	1320

gatacagtta	ttgatgaggc	ttggccactg	gatgttttca	.ctaactacac	tctacaagtg	1380
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ggtagagaat	cagactgctc	caagcaatgg	caacagaact	tggaacagaa	gcgagagagt	2040
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gtctcaaagt	tctgttaatt	tcacaaattt	gttataaatt	tgtctaaact	gagctgttgt	2160
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<210> 6599
 <211> 2327
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1662)...(474)
 <223> similar to gi4887561 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6599						
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caactcaagg	gaacaagatg	ggggtggggg	tgtcctgccc	gggagcctcc	gactccccc	180
agccgtctac	tgctgggggg	tcacagggag	ggaggggtgg	ggttgtgttt	cctccccaaa	240
gggtgtctcc	tgctgacgcc	ccgtcctgaa	gccctcccct	cctccatcaa	ggctggggat	300
gatgaggaga	tggggcaggg	gcccggggga	ccaaggccca	ttactgagcg	cttgaactcc	360
caccccgggg	aacacgggga	caattaaagc	tgcatagga	agagggggcc	aggcggtga	420
cgcaaggccg	ggcagcccca	aaggcactat	tgtaagggaa	gggaggctca	aaacgaagg	480
cccattgggc	gcagggggcc	caagcccgtg	ggaccccccg	aggagggcca	gctgagccca	540
gctgtccggg	gctgggccc	ggcgccgagc	agccatttct	cctgctccag	cgacgcgttc	600
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atgaggtggg	acttcaccaa	gtccatggct	tgctcgattt	tgttgtcaat	gccaaccagg	720
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ctggcatcgt	gggtgaagta	gagggctggg	gagctggggc	gagagtcaag	tgggggcacc	900
tgcccatctt	cttctggagc	acccaactcc	atccgcagcc	gcatgtctac	agctttctct	960
cgggacagtg	gaggggtcct	ggcccctgag	cccccagcct	ccgcttccac	cctcagagag	1020
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cgctgctggg	gtgaggaggc	cgacagtggg	ggtttctctg	ccttggcttt	gctgggcacc	1140
accagctggc	ccagtcccc	agtgaaggag	cgggcctgag	gtccaggaga	ggtggggggg	1200


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ggacggagcc aggaggtggg gccctgagac aggcctgacg gtgggggtggg ggcgcccagg 1260
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cctcgaattc cctccaggag tccgccaag ctgtggggct ccaggtctcg ctcataaaca 1380
tccacacacg tccagcgacc gcggcgataa ggctctccca ggccgtgggg cagcttcacc 1440
acccgaaaac gggaggaagg ggccccaggt ggtggggagc cattccgggg ggtgcccttg 1500
cccccggat cggggctggg ctccccattg ggcaggcggg gcggggggccc ggttgggggc 1560
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aggaaagttt gctctccgga aaagaaggaa cccgcgcctc ctccgaggag cctaggagcg 2160
gcctctgaag ccccaagggt ctggagactg atgtgggagg gggcggccga gccccctct 2220
gctcccggtg gcagccagcg agtgggtgtc ccgagtctcc tcccgctga ccctgctggg 2280
tccgtgtctc cgctcctcgg ctccccctgg tctctgcctc tacgaaa 2327

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<210> 6600

<211> 4091

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (190)...(2387)

<223> similar to gi3184498 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6600

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tggccaagcc aaagacccgt gtaggatgac tgggcctctg ccccttgtgg gtgttgccac 180
tgtgcttgag tgcttggtga agaattgtat gggatcacta gcatgtctgc ggagagcggc 240
cctgggacga gattgagaaa tctgccagta atgggggatg gactagaaac ttcccaaatg 300
tctacaacac aggccagggc ccaacccag ccagccaacg cagccagcac caaccccccg 360
ccccagaga cctccaaccc taacaagccc aagaggcaga ccaaccaact gcaatacctg 420
ctcagagtgg tgctcaagac actatggaaa caccagtgtg catggccttt ccagcgcct 480
gtggatgccg tcaagctgaa cctccctgat tactataaga tcattaaaac gcctatggat 540
atgggaacaa taaagaagcg cttggaaaac aactattact ggaatgctca ggaatgtatc 600
caggacttca acactatgtt taaaaattgt tacatctaca acaagcctgg agatgacata 660
gtcttaaatg cagaagctct ggaaaagctc ttcttgcaaa aaataaatga gctaccacaa 720
gaagaaaccg agatcatgat agtccaggca aaaggaagag gacgtgggag gaaagaaaca 780
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cagaccacga cccctcagcc gaatcctcct cctgtgcagg ccacgcctca ccccttcctt 900
gccgtcacc cggacctcat cgtccagacc cctgtcatga cagtgggtgcc tcccagcca 960
ctgcagacgc ccccgccagt gccccccag ccacaacccc caccgctcc agctccccag 1020
cccgtagaca gccacccacc catcatcgcg gccacccccc agcctgtgaa gacaaagaag 1080

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gacagcagca	gcgatagctc	ctcggacagt	gacagttcga	ctgatgactc	tgaggaggag	1740
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ccgtcttcag	tcccttagaa	tgacgacagc	ccctgggggt	ggggcaggcg	agtgtggcca	3420
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<211> 701
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (499)...(688)
 <223> similar to gi3093358 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6601
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 gccaaacgtt aaccttgagt tgtctctctg ggcgccccca ggtggtacca gttctcacgg 420
 gtgttgaagg agagtgagga tggccctgag ggaagcccag ttggtttggt tggggaggcg 480
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 tcccctggca ccgcggttaa ctctccaggc ctggtgtggc ccaagccacc ctgcctaccc 600
 gtgctacctt acccacacgt gccaccctga cctgcttgtg ccatcctgcc cgcccggtgcc 660
 acactgcccc cccgtgccac cctgcccccg cgcgcggccg c 701

<210> 6602
 <211> 2217
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (77)...(1862)
 <223> similar to gi791002 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6602
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 ggactctttg ccggtgctac tgtttttatg cttgcttctg aagacgtgtg aacctaaaac 180
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 gtgcatcccg cggggatcac tgccaccacc cctgaacca cggatttgac tatttctacg 600
 gcatgccctt cacgctcaca aacgactggt gaccaggca ggccccccga agtgagacgcc 660

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gccctgaggg cgcagctctg gggttacacc cagttcctgg cgctggggat tctcaccctg 720
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ggcgtgggct gcctgttttt catctcttgg tactcctcct tcgggtttgt gcgacgctgg 840
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cggaatttac aaaggtggga agggcatggg aggatgggaa ggtgggatcc gagtggccgg 1260
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tttgcctttt gacctctcca gggacccctc cgaggcacgg cccctgaccc ccgactccga 1680
gcccctgtac cacgccgtga tagcaagggt aggtgccgcg gtgtcggagc atcggcagac 1740
cctgagtcct gtgccccagc agttttccat gagcaacatc ctgtggaagc cgtggctgca 1800
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<210> 6603
<211> 3167
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(3168)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (129)...(1918)
<223> similar to gi4689258 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6603
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cgcccgccat ggccaccaag gctcgggtta tgtatgattt tgctgctgaa cctggaaata 180
atgaactgac ggttaatgaa ggagaaatca tcacaatcac aaatccggat gtaggtggag 240
gatggctgga aggaagaaac atcaaaggag aacgagggct ggttcccaca gactacgttg 300
aaattttacc cagtgatgga aaagatcaat tttcttgtgg aaattcagtg gctgaccaag 360

```

cctttcttga	ttctctctca	gccagcacag	ctcaggccca	gttcgtcggc	tgccagcaac	420
aatcaccagg	ttggcagtg	caatgacccc	tggtcagcct	ggagtgcctc	caaactctggg	480
aactgggaaa	gctcaaaagg	ctggggggcc	cagccagagg	gggctggagc	ccaaagaaac	540
acaaacactc	ccaacaactg	ggacactgcc	ttcggccacc	cccaggccta	ccaaggacca	600
gcaactggtg	atgatgatga	ctgggatgaa	gactgggatg	ggcccaaata	cttcttcccta	660
ctttaaggat	tcagagtcag	ctgatgcagg	cggcgctcag	cgaggaaaca	gtcgtgctag	720
ttcctcatcc	atgaaaattc	cccttaacaa	atttcctgga	tttgcgaaac	ctggcacgga	780
acagtatttg	ttggccaaac	aactagcaaa	acccaaagag	aaaattccca	tcattgttgg	840
agattatggc	ccaatgtggg	tttatcctac	ctctactttt	gactgtgtgg	tagcagatcc	900
caggaaaggc	tccaaaatgt	atggtctaaa	gagctacatc	gaatatcagc	taacacctac	960
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gataggaaa	gccttgcaga	gtttggccac	agtgttcagt	tccagtggct	atcaaggtga	1500
aacagatctc	aatgatgcaa	taacagaagc	aggaaagact	tatgaagaaa	ttgccagtct	1560
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tctgaggttg	gagagaaaga	acagaccagc	gcccttctct	actacatccg	aaacttcaca	3120
cagggtgttt	ctgagcacca	gcacttccag	cgttctactt	aacggca		3167

<210> 6604
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (709)...(71)
 <223> similar to gi4323622 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6604

cagatgtcag	gacaccctca	ctcccgacaa	agatgccttt	attgggcgac	agacgcgggg	60
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gacacgtgta	tttgaactct	ttctcctgca	gcgcgctgaa	ccaggtagcg	gagtacgccg	180
agcagctccg	tgggtgatggg	cgctgtgcg	aagtgcgcgc	acaccgtgtc	gaccgatgtg	240
cagcttgggc	aggaaggctg	cagtcggccc	aagcgtgaag	cctttcgccg	tccaggaagc	300
ggcggcgggg	acttcgcgca	ggcttcggct	ccccccgcca	gctcgtgctc	ccaggggcgc	360
gcgcaggtag	ctgtccaagc	cctggcgaag	ggcggcgag	cagctgctgg	tacagggtct	420
cgctctgcgc	gggcaccggg	ttcttgatga	acgcggagaa	cttgtggaaa	acgtcgttgc	480
cggcggtggt	ggactccctg	taacgaggcg	ccaggctggg	gaagtcgggc	ggccccagcg	540
tctcctccag	aaagtcctcg	atctgcagcg	tgtctgtctt	ggcgtcgtcg	tcatagagca	600
ggatgggcag	ctgcgagccg	ggggcggaag	ccttcagcac	gtccggggac	ctgcgcgtgt	660
ccaccgtggt	gaggggtgaa	ggtacgccct	tgaggagcag	gacatgaag	agccgctggc	720
aggaggggca	gtgacccacg	ctctccccgt	cctcactcgc	cttgacaaac	agctggagct	780
tgggtctccg	catggtggga					800

<210> 6605
 <211> 2495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2263)...(1147)
 <223> similar to gi29981 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6605

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attaacctga	ggaggggtatt	aatgaagaa	ggcaatccag	acaagtggct	atttcctcct	180
agctttggct	ctgggggacac	cttggcatcc	tgggtgacat	ggtaggttac	agagccgcta	240
aatgggcat	gggcagacac	actgatccaa	tactaagagt	tcagctgtag	cgtccgggtg	300
ttcatgatac	tcacttgtct	tcctcccttg	caaccagcc	atttcatggg	accaacgggc	360
caccacaggg	catgggatca	gatctcaaca	cattctgcag	gcccttgctg	aaattcttcc	420
ctagttcact	agtgggagag	ggattgggtg	tggttgcaa	agaaataaaa	gcgttgaaat	480
ttcaatagaa	atgccataat	ttattccatt	gtataaaaaa	gtcataccta	tgtatacaaaa	540
tgtcttctta	gaagaagaaa	tatattattt	caggtcataa	ataatcagca	aacatacaac	600
tgttggaac	taaaaaaaaa	cccaacactg	gtattttcca	tcagtgtctga	aaacaaacct	660
gcttaagata	tatttacagg	atagtacagt	actcaaaaac	aaaaattgag	gtatttggtt	720
cttctaggag	tagacaatga	catttgtgaa	ggcagacacc	tacacaaaaa	taaataaggt	780

atattctcat	atgtatatgt	gtcgtcggga	ataatactgg	taggtatgtc	aagcatgaag	840
agattctaca	aaaaacaggg	gcgagcaaaa	agaaaccgga	tcacacactg	agtcctttct	900
cttctgcccc	atthttgtcag	atggacttga	tgtaccact	atataattgt	cccgaatgtg	960
ctgagttcag	caaatgtctt	gacgctaagt	catcaccata	actgcttaga	aaccagaggg	1020
aactcgggtg	aagttaaata	aataaggacc	agccctctcg	agccctccc	agagttattg	1080
catttctcct	ctcaaggagc	atggagtccc	aatgggatgt	gaagagcctc	acctcccgtg	1140
gcctttcagc	agctgggaga	ggtcgtaatg	gggtcttgaa	ggtagctcag	cgactgttc	1200
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gcattcttga	tggagtctat	gaagtcaatg	gcctcgttga	accaggagct	gatgtctgcc	1560
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caattggctg	agacgtttgat	caaggcagtt	atgcccaagg	catccagcat	gtccttgctg	1680
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ctgcgctcgt	ccagcaacac	cacggcgtgg	taggcgccc	ccagcaggcg	gcgcgcggag	2040
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ccgcaacgat	ggtgctgaag	cgcacgttga	cagagccggc	gatgtggccg	gcgttgaaag	2160
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gagagaggag	cgtcacgcgg	ggctccgggc	tcctcggtt	cttcgcggtt	cccccgactg	2460
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<210> 6606
 <211> 5022
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (459)...(4624)
 <223> similar to gi5911978 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6606						
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gccgtgcc	gagatcccaa	acgtgcccc	cactgaagg	caaagtccag	cggattctac	180
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agcccagcct	ccctccacct	aagccctgg	agggcatccc	tgagagagag	ttctttgtca	300
agtgggcagg	gctgtcctac	tggcattgct	cctgggtgaa	ggagctacag	ctggagctgt	360
accacacgg	gatgtatcgc	aactaccaa	gaaagaacga	catggatgag	ccgccccct	420
ttgactacgg	ctctggggat	gaagacggca	agagcgagaa	gaggaagaac	aaggaccccc	480

tctatgccaa	gatggaggag	cgcttctacc	gctatggcat	caagccagag	tggatgatga	540
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ggaaagacct	gccctacgac	cagtgcacct	gggagatcga	tgacatcgac	atccccact	660
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gagaaggagc	ccattgaaac	acagcaaaat	ggtgacaaag	aggaagatga	cgaggggaag	3840
aaggaggaca	agaaggggaa	attcaagtcc	atgttcaaca	tcgcggacgg	gggcttcacg	3900

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gacgtgaccc	ggctgccatc	catgctgtcc	cgcaccccc	cggtggccgc	ccggctgcag	4440
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gccgggccac	ctgcccgaac	cacatgggag	agaaaagctg	ccaccctttt	aggagccagc	4740
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tcagctgggc	cagagcccag	aagtgccacc	tcatacataat	tcaagtgttc	ttccacacag	4860
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gaagagattt	cattttattt	tacatctttt	gcactttcct	attgaagact	tgaacacggt	4980
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<210> 6607

<211> 1108

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1109)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (887)...(257)

<223> similar to gi5912221 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6607

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cggcttcttc	tatgtccacc	acatccgagt	cagaatcctg	cctgaggaga	gtccacggct	180
ctgaatcgtg	ggagttgggg	ctttttgaac	aactaacata	taaccttccc	tcgggtgtctt	240
catcgccctt	gcctacatga	aggaagaagc	catccgtgga	tggtccctgg	gggaacggat	300
cgaatccgcc	aagggccaga	ggcccaccac	agacctctcc	tgcggtttcc	actgacagt	360
gtcctgtctc	ggtggggctg	atgcccatgg	ggaattctga	gcatggaatc	ggggtaaaag	420
tcctattcaa	gtcgcgactg	ccagtcattt	tccttcgtac	caaaggctgg	gggccctcgc	480
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tcacctgctt	ctctttcgct	ggcttaagaa	ctgctggcat	caaaggctcc	aagaaaaaac	600
tgtcaggctt	actttccgag	gtgtccagct	gtccttgggg	agaccgggca	tttgctgtaa	660
ggcctaaggc	cgggggtgag	gccctgggga	actccgggtc	agcctgctgg	ggaaccacgt	720
ctgctctaac	aatagccaca	agctcctctt	cctcatcctc	aatactgaca	ttgctcagga	780

ggctcttccc	gtggctcttc	gtggccgtgg	ggtgtggctg	gttctgtggg	gtcagattaa	840
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caggcctggg	ttttttttct	ggccaggcta	ttgctgctcc	tcgaggctga	ccatcaactc	1020
gggtcaaagc	ggacgcgtgg	gcggacgcgt	gggcggacgc	gtgggtcgac	gcagggtactc	1080
agnacgntc	gcatcggggn	gtccgatt				1108

<210> 6608

<211> 4946

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1249)...(3708)

<223> similar to gi397579 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6608

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cactgggtgt	agaggagcct	ggagctgctg	gcaagaagcc	tgccgcaacc	tctccactgt	240
caccgatggc	taatggtggg	cgctacctgc	tgtctcccc	aaccagcccc	ggcgccatgt	300
ctgtgggctc	cagctatgag	aacacctctc	cagccttctc	tccactctct	tcaccagcca	360
gcagtggaag	ctgtgccagt	cactcaccca	gtgggcaaga	gccaggacct	tctgtgcccc	420
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caagtgggtg	tcgctccgag	agtcctcggc	tgagcaggaa	agggggccat	gagaggcctc	540
ccagccctgg	cctccggggg	ctgctgacag	acagccctgc	agctactgtc	ttggcgagg	600
cccgagagag	cactgagagc	ccccggctgg	gtgggcagct	gcctgtgggtg	gccatcagcc	660
tgagtgaata	cccagcttct	ggtgctctca	gtcaaccac	cagcattcct	ggcagcccca	720
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aactggtggg	ccgaacattt	tcagatgggt	tagccaccgc	taccctgcag	cctcctgaga	900
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aataaagcct	ttggactacg	gaagtg				4946

<210> 6609
 <211> 2389
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (805)...(1806)
 <223> similar to gil613858 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6609

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ggtagaggga	tcttctgcag	aaatagcgct	ggaagctaga	gtgaggcctg	agtactgcct	180
tggcctagga	tggctagaga	attaagtga	agcacagccc	tggatgcccc	gtctacagaa	240
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aaaccagcac	ttggtgatgt	ctactgggtg	gatggttgtg	atttgggggc	tgcttctctg	2160
accattcttt	ttgactgtaa	tgaatcctcc	acagttggtc	agattcataa	agtcttatat	2220
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<210> 6610
 <211> 3165
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2875)...(1820)
 <223> similar to gi32469 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6610
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gccttatctg	cccccgagg	ccggggccaa	gagctatctc	gacgcccagg	accaggagcc	3120
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<210> 6611

<211> 2148

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (593)...(1719)

<223> similar to gil063398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6611

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acataaaaagt	aggtgatatg	taagttttct	gataacaagg	ttctaatagt	gtttaaatgt	1980
actggttaacc	tggttccaat	agttgtgttt	gcccaagcct	ttctcggcat	catcttgtat	2040
tccttatcag	atagtaagta	acctgtaagt	ttggagtatt	actgttttct	cagcatgcat	2100
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<210> 6612
 <211> 2127
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (342)...(202)
 <223> similar to gi4240323 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6612	
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catattgctc	ttctaacttt tcttcttttt acatttatcc acattccaag tagattatca 180
tagtaagggt	cttctgtgtt acttttgtcc aagttgtgac aactgtttta tgaactgtgt 240
agcattaaaa	agctcactgc agccatataa aatgtgtttg ccttgtttcc cctttatgta 300
gtcaacaaga	ttctgatatt caatgtagtt gcctcctccc accacaaaaa caatggcctc 360
ttggaatgga	tttttatttc tgggaactga gctgtcattg ccccgagca ttttgggac 420
aaaatatcta	tagtcatcag tttcggggtt tgacttcata tccataagat tgtccaaaat 480
acgagtaaca	ggtagatttt gctgtttcaa aaccaggttc ttcactcctt ccatcacaaa 540
ctgtgatcct	gtattcatga ctctgtataa aagaccattt ggttttagtg tagtgctgcc 600
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cattattttt	tcttcatatt caaaatatac atccaatttt cttgccttta tatgtttcaa 900
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ggccagctcc	aagtgtatca cctgtaaaaa gactgtttct tgcattctct agattttctc 1440

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gctccttatt	ttgattacat	aatacaaaaca	tatcatcttc	caaagtaata	aaattgagat	1680
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atatagttga	tttogaagat	cctggcacat	tctgtcaata	ttttcttcag	ttggcattac	1860
aaagtatact	gcaggaacat	ctggaatagg	atctcgatca	gagtgtaaaa	gcagatgcag	1920
agtgattccc	atgtctctta	gctccctcac	agatagcaga	ggagagatta	tatcttggcc	1980
aaatctgtca	taaatgagta	ccttccatac	tggttctcct	gtgctgtttt	taatatgagg	2040
cacattgaaa	ttcaacatac	gcttcaaagc	cactgtctgc	ctttcccga	tactggctgc	2100
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<210> 6613
 <211> 2372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (475)...(1855)
 <223> similar to gi479173 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6613	
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ctgcatttat	acaaaaaagg
tacatgaaag	tggcataattt
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gtgagtggag	cccagctgtg
attggggagg	gctccttcgg
tttgccatga	aagaaataag
gaggctgttc	ttttagccaa
gaagctgaag	gacacttgta
aagattaaac	agcagaaagg
caaattgtgcc	ttggagtaaa
tccaagaata	tcttcctcac
cgtcttctct	ccaatccgat
cctccagaaa	tttgggaaaa
tgcatcctgt	atgaactctg
cttatcctca	aagtatgtca
cttcagttcc	tagtcaagca
acgcttctct	ctcgaggcat
atcatggaat	atggtgagga
agaaaaaaa	caaaccacag
caagaggaag	aacaagatag
ttagttgaaa	gtgcattgag
ctgaggaaa	ccagttcacc
acagctctta	cagctttgga
aaatggatat	ttattacctg
gagggcaagg	agcaaattgg
tggggtagca	tacactgatc
atgagagcta	ccttgaatta
ctgcttttga	atgcagtttg
tggatgcccc	agcatggatg
agcagctctt	ttggttcagc
tctttctcta	atacacagaa
cctaattattg	ttgccttcaa
atggagggga	tctaattgcaa
tgatacttaa	ttggtttacc
tgctacacag	agatatcaag
tgaggagactt	tggatctgcc
tgtacctatg	tgggaactcc
gtgacatctg	gtccttgggt
aggaatccct	cacatcgccc
cctgaagaca	tgatacttaa
aaaggttattt	cctgaagaca
aaagggaaat	tgggagactt
aggaatccct	cacatcgccc
agtgcttacc	ccccgagatc
gaaataaaaa	attcgaagca
aagcagagtg	taacacacca
tggaagcat	taatgaaaat
aaggtaataa	gtcagttccat
gggagaaaaa	tgtacccaat
ccagtttaac	agcagaggac

gatagaggtg	gttctgtaat	aaagtacagc	aaaaatacta	ctcgttaagca	gtggctcaaa	1560
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acatacacaa	tatatagacc	aggttcacga	agggttcttg	aaaggccccc	tgtctgaaga	1680
aacagaagca	tcggacagtg	ttgatggagg	tcacgattct	gtcatttttg	atccagagcg	1740
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gaggaaatgt	tcctgagtca	cgctgaggag	agccttcact	caggagttca	tgctgagatg	1920
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<210> 6614
 <211> 5427
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3614)...(1002)
 <223> similar to gi3043650 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cttccctcct	atcattttcg
taaaactagt	tctacatata
gactgaataa	tcatgtgaaa
gtgtttcata	tattcactca
gatccccagt	ttaaagggtga
caagctaata	aatagatctg
accacttaga	gcatcatcac
gcgaaaatgg	gaggagagca
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aggcaggaca	cagaggacaa
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cgcccggcct	gggtttgaca
agttctggac	aaaactaaag
tatgcctaag	cactgatgaa
tatgaaatgc	taactagcat
tctgggtcac	600
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tctgctgtaa	agagggtgaa
tggggctaaa	taaaaatgga
ggagaagggg	cctaacatta
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caagatgggtg	aagggtgcat
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tatgttggtg	cttgtggagg
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gacttcagtc	aggcttcgat
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tcacgaggtc	aggagatcga	gaccatcctg	gctaacaagg	tgaacccccg	tctctactaa	4680
aaatacaaaa	aattagccgg	gcgcgggtgg	gggcgcctgt	agtcacagct	actcgggagg	4740

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<210> 6615

<211> 2785

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (167)...(2245)

<223> similar to gi4235226 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6615

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ctttctcata	gaaacaaagg	cagagaagca	gcacccagac	tttgggaatg	ttccatttgg	180
ctgctgcact	cccatccacc	ctgtgtacac	atcctccaga	ggcgatcacc	tcggctgttg	240
ggctctgagg	cccgagtgcc	ttcgcatagt	gtcgagagcg	ccatggacct	ctacctctgt	300
gggttttgtg	gctgtgggac	ctcagtgcct	tctgtgtcgt	ggcctggcac	tcttcgcgcc	360
ctgttcgcga	tgactcggtg	gtagagaagt	ccctcaagtc	cttgaaggac	aagaacaaga	420
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<210> 6616
<211> 5200
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (101)...(2689)
<223> similar to gi307121 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 6617
 <211> 527
 <212> DNA
 <213> Homo sapiens

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 <222> (85)...(421)
 <223> similar to gi2829129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6618
 <211> 5869
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (435)...(3330)

<223> similar to gi34083 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ccgtaactat	tgtaattttcc	acttttgtaa	taattttgat	ttaaaatatg	aaattttattt	4920
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caaatacttg	gtttgggaag	acacogttta	attttaagtt	aacttgcatg	ttgtaaatgc	5820
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<210> 6619
 <211> 2639
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (150)...(1335)
 <223> similar to gil92382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6619

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cgccatgccc	ggagaactct	aactccccca	tggagtcggc	cgacttctac	gaggcggagc	180
cgcgggcccc	gatgagcagc	cacctgcaga	gccccccgca	cgcgcccagc	agcgccgcct	240
tcggttttcc	ccggggcgcg	ggccccgcgc	agcctcccgc	cccacctgcc	gccccggagc	300
cgctgggcgg	catctgcgag	cacgagacgt	ccatcgacat	cagcgccctac	atcgacccgg	360
ccgccttcaa	cgacgagttc	ctggccgacc	tggtccagca	cagccggcag	caggagaagg	420
ccaaggcggc	cgtgggcccc	acgggcggcg	gcggcgggcg	cgactttgac	taccggggcg	480
cgccccgggg	ccccggcggc	gccgtcatgc	ccgggggaga	gcacggggccc	ccgccccggt	540
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accgcacccc	gcaccccgcc	cccgcgcacc	tgcccgcccc	gcacctgcag	ttccagatcg	780
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ccgtgcccag	ccgcaccccc	gcgcccgcgc	tcggtgccgc	cgccctgccg	ggccctggcg	900
agcgcgctca	aggggctggg	cgccgcgcac	cccgcacctc	gcgcgagtgg	cggcagcggc	960
gcgggcaagg	ccaagaagtc	ggtggacaag	aacagcaacg	agtaccgggt	gcggcgcgag	1020
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gaagcacgat	cagtccatcc	cagagggacc	ggagttatga	caagctttcc	aaatatcttg	2160
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ggggctggga	gcagggaagg	acggcttggt	tctcttcttt	tggggagaa	gtagagtctc	2580
actctagatg	ttttatgtat	tatatctata	atataaacat	atcaaagtca	aaaaaaaaa	2639

00450725.042100

<210> 6620
 <211> 990
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (291)...(679)
 <223> similar to gi5830442 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6620

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acaacacctg	gctaattttt	tgaaattttt	tgtagagatg	gggatattgc	tgtattgccc	180
aggctggtct	cgaactcctg	ggctcaagca	atcctcctgc	cttggctcct	caaagtgctg	240
ggattatagg	tataagccac	ctctcccagc	caaaaccccc	tcttttatag	atgagatatt	300
tgctccaagt	tgcacagctg	gtttggctct	tgactgtaga	ttccagaggc	attggtggaa	360
cacttgatca	tgctggcttc	agcatctgca	tgttgacctg	caggcatgca	agcttctttg	420
gcctctgtga	agcacagact	ttctgcggtc	tgagtgcac	taagtctcct	gctcttctcc	480
acagatacta	tggagggact	gagtttattg	atgaactgga	gaccctctgt	cagaagcgag	540
ccctgcaggc	ctataagctg	gacccacagt	gctggggggg	caacgtccag	ccctactcag	600
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atgcaccaag	aagagtccta	agatggactg	ccatggactg	ccataggccg	ggcccagtgg	720
ctcacgcctg	taatcccagc	actttgggag	gcggaggcag	gcagaccacc	tgaggccggc	780
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agctgggtgt	agtggcacat	gcctgtaatc	ccagctactc	ggagcctgag	gcaggagaat	900
tgcttgaacc	tgggaggcgg	aggttgcagt	gagctgccga	gatggcgcca	ttgcattcca	960
gcctgggcaa	caagagcgaa	actccatctc				990

<210> 6621
 <211> 1887
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (327)...(142)
 <223> similar to gi299471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6621

gtggcgtgtg	cttgtaatct	cagctacttg	ggaggctgag	acaggagaat	tgcttgaacc	60
cgggaggtgg	aggttgcagt	gagccaagat	catgccactg	cactccagcc	tgggtgacgg	120

agcaatactc	catctggagg	aaaagaaaaa	gcaagcaagc	caggtgtgat	ggcaggcacc	180
tgtggtctca	gctactcggg	aggctgagac	aggagaatca	cttgaacccg	gggggtggag	240
actgcagtga	gccgagatcg	caccattgca	ctctggcctg	ggctggcctg	gatgatgagc	300
aaaactctcc	ccccaaaaa	aaaatcccag	tccgttacac	ggtagctttg	gggaattatt	360
tttaaaattt	ttaattgttc	ttgctgtctc	cctttgaagt	gactagtact	ctggtgagtt	420
aatctgctac	atctcagcta	aaccagtcaa	agttcagaaa	atctaggcag	gagccacctg	480
tagttatctc	accattgttt	ctccagggtg	agttagagcg	gatccggcaa	gctgactcct	540
tggagagaat	ccgggcaatt	ctgaatgata	ctaaactgac	agacattaac	cagcttcctg	600
agacatgaca	ccctcatggc	aggattctag	cctgcacttt	gggtttttta	ctcatcttta	660
gagcaacagt	aattattatt	taactcttaa	ctgaagaaa	agaagtcaca	acaaaaggaa	720
gactggagaa	atgcttactt	ctagaggggag	aagactgtgc	ggcacaggaa	acagcaaaaca	780
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aagcacaaga	aactttggaa	gcactttttc	tgcatactta	gatgatcttc	atgggcccac	1380
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ggaatatcca	gtggatggat	tcatcatcca	gggaggttca	aaagtaagat	ggttttcaaa	1860
tcatttttga	gactgggtgc	ataaacac				1887

<210> 6622

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (606)...(522)

<223> similar to gi4008584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6622

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cctagatttc	tagcatggct	tgggaaattg	taagatttgg	gtccatgttc	ccgcatagca	180
acaattggct	gaagctgagt	ggatgcaact	tctgcaagac	ggcatgtgtt	ctcctgtgtg	240
ctttctctag	tttgctccaa	tccccacatc	cccttgctct	ctataccagt	tcgtcttggt	300
cttgaagggtg	tctagtttgc	tggcatggcc	taaagctttc	attagtggca	gggggactgg	360
gttctgggag	gggtgccatg	cccaggagg	gtggcagtga	gcccaaaagg	gaagagcatt	420

cataacttgg	tgagtgacga	tgatgctgag	tgcttggcct	gagaggagca	gctgggtcaa	480
gggaagacgt	gctgagcaca	gtcagcccgg	gtacgttctt	ggtatgggtg	gagcaggtgg	540
atctgcctgt	cctgtgggcg	gtggaaattc	cagtctggaa	cttgtcgggg	agatgggtct	600
ggagaataga	gatttgcttc	caaggaggta	ataggcccat	ggcatccagg	gagagggccc	660
tggatgacag	ggatgctgag	gggctgaggg	gttcaaaata	tggagatgac	aggcaaggaa	720
ggaagggaag	gaggatgagg	gcagagcaca	ggagtaaagc	tatggggggc	aagggaagca	780
agaccttgag	gggccagtgg	ttaactggta	gaatcagttc	a		821

<210> 6623

<211> 4541

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (375)...(3989)

<223> similar to gi5689523 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6623

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cagtctcttg	acaaagcaat	tctggaaaca	atgggaacaa	tggaaaagag	agagaggact	180
cctggaaagg	agcttctgtt	cagaaatcaa	ctgggtcaaa	aatgactct	tgggacaa	240
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ggtctgatga	gttgaataat	ggagaatgga	gtggtccaaa	ccaaccaa	tctagcactg	420
gagcatggga	caatcaaaag	ggccaccccc	tcttggaaaa	ccaaggcaat	gccaggtctc	480
cctgttgggg	aagatcttcc	agctccacag	gaagtgaagt	tgaagggtcaa	agcactggaa	540
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00436725.04E100

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ggaaagggtat	ccaaaacatt	gacctgaat	ctgaccccta	tgtcacccca	ggaagtgtgc	3000
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ccacaggggtc	taattcttcc	ctcaacacct	cgctgccttc	acctggtgcc	tggccctaca	3120
gtgcctctga	caactccttt	accaacgttc	atagcacttc	agcaaagtcc	cctgattaca	3180
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ccaaccccaa	accatcatct	ccctggagca	gcacagcacc	ccgatcagtc	aggggggtggg	3360
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ctagtactg	gctggttctt	cacaatctca	ccccacagat	tgatgggtca	accttgagaa	3480
cgatctgcat	gcagcatggg	cccactggct	gacattccat	ctggaatcta	accaggggca	3540
ctgccctgat	ccgatacagc	accaaacagg	aggcggccaa	ggcccaaact	gcactgcaca	3600
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gctttctggc	acaagctcag	ccccctacac	ctgcagcaac	cccaagtgcg	ccagctgcgg	3720
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ccatgttttg	gagggaggga	aattcaaaa	aattgtttgg	ggagggggga	gggaagactt	4500
gacggagcct	cacttttaaaa	acaaaaacac	aaaaaaccta	a		4541

<210> 6624
 <211> 2569
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (384)...(1767)
 <223> similar to gi5931610 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6624

tttttgcacc	tagaaat	aggcaagtga	tagctgcgta	atcatactgc	ggcaccg	60
ttttcttgca	gcagtagctg	cttgccgag	aggtctgccc	actgcagctc	tctgcagtct	120
ccggctctct	cctgcaggat	cggtcaacgc	agccgtcgcc	gccctctgca	cccagcccag	180
gtcgccactg	cttcagtc	gttctcaaag	cctcagcacc	atctttt	cccagcagc	240
ctggatcgtc	gttccctcag	tccggacgcc	actgctagg	ccgaccaccg	ccgcttctga	300
tatttcgggtg	agtcttttcc	tgtggagggt	tgggtctccg	atctctgtgg	tagccacctt	360
aggcgtgtac	ggtcctttga	aaaatggccg	agtcagagaa	ccgcccaga	gctgtcagaa	420
tcccagtc	gaagaggctg	gtaatcagat	aatggtggaa	gggctcg	aacatctgga	480
gcgcggtgaa	gatgccgctg	ctgggcttgg	agacgatggg	aagtgcggtg	aagaagctgc	540
cgctgggctt	ggggaagaag	gggaaaacgg	tgaagatact	gctgctgggt	ccggggaaga	600
tgggaaaaaa	ggtggcgata	ctgatgagga	ctcagaggca	gaccgtcca	aaggacttat	660
cggttatgtt	ttagatacag	actttgttga	aagtctacct	gtgaaagtta	agtaccgtgt	720
gttagccctt	aaaaagcttc	aaactagagc	ggccaattta	gaatccaaat	tcctgaggga	780
atttcatgac	attgaaagaa	agtttgctga	aatgtacca	cccttactgg	aaaaagacg	840
tcagatcatc	aatgcaatct	atgaacctac	agaagaggaa	tgtgaatata	aatcagactc	900
tgaggactgt	gatgatgagg	aaatgtgtca	tgaagagatg	tatggtaatg	aggagggtat	960
ggtacatgaa	tatgtggatg	aggacgatgg	ttatgaggac	tattattatg	attatgctgt	1020
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agaagaggag	gacctaagg	gaattcctga	tttttggtca	actgttttaa	aaaacgttga	1140
tacactcact	cctttgatta	aaaaatatga	tgagcctatt	ctgaagctcc	tgacagatat	1200
taaagttaag	ctttcagatc	ctggcgagcc	cctcagtttc	acactagaat	ttcacttcaa	1260
acccaatgaa	tatttcaaaa	atgagttggt	gacaaagacc	tatgtgctga	agtcaaagct	1320
agcatattat	gatccccatc	cctatagggg	aactgcgatt	gagtattcca	caggctgtga	1380
gatagattgg	aatgaaggaa	agaatgtcac	tttgaaaacc	atcaagaaca	aacagaaaca	1440
tcggatctgg	ggaacaatcc	gaactgtaac	tgaagatttt	cccaaggatt	catttttcaa	1500
ttttttctct	cctcatggaa	tcacctcaaa	tggaaaggat	ggaaatgatg	attttttact	1560
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tatttatgat	aattggatgg	ctgcaattga	ggaagttaaa	gcttggttga	aaaaccttga	1740
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cctagatata	gttactcaag	gtataagaag	ccttggtgtc	tgtatttttc	ttgtagtgtt	1860
agttaaaaca	tatgtttcaa	aaatataaga	aaagttcaaa	aactaattaa	tttgaccttg	1920
agtttttagta	gtagaatgtt	ttcaagaaat	gtacactgtg	gtaaattgatt	taaaacacta	1980
gtatagtgtt	gtgtagctta	atccttctga	agtctttttg	tcatgtagct	attaatctgt	2040
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ggaacaaccc	caagggtttt	cgctgttgtt	gtttttcttt	ttctattttt	gtttacttag	2160
tccttttagct	agtggattta	attttgttgt	gcctgcttca	ttttgcaata	acaatgcagt	2220
agaatttaaa	acttgatgc	ttaagaggcc	tgcatataga	taagaatttc	aggcaaaact	2280
acattttattg	ttaataacag	cttggttcata	ggctcttgta	ttttatgtaa	ctgtgataaa	2340
taatgaaact	tagttatatt	gaggttattg	tttgtcggtg	aagtgttagt	cacagtattt	2400
tcaaaagt	gcacatattg	ttctgtgtaa	ttgtgtaagc	cataattaca	gtgtttaatt	2460
ctcttttct	attacatcat	tcattgaaag	tgatcacttt	accattttga	aaagatattt	2520
cgtgttcttt	cactgcaaaa	taaaaagaat	aaaaatttca	aaaaaaaa		2569

00400700 013100

<210> 6625
 <211> 1569
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (489)...(1045)
 <223> similar to gil770468 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6625

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cacctccaca	caccatcaca	ttgaagatta	gggcttcaac	atgtatgttt	ggtgtggggg	120
cggggggcaa	gatacagaca	tttagtccat	agcactgtat	gtcttaaaat	tattgtttta	180
ggcaccgttc	acctctggaa	aaggattctt	cacctggaag	ttcatcaaca	agcttgttga	240
taaaaaagca	aagagagact	tcagacacgc	cgatcatgag	agctttaaaa	gaacttgatg	300
agggaaaaat	atttaaaaat	tgggggacac	agacagagaa	agaggacacc	tcaaataata	360
atcctcggca	aactgaaact	tcagttaatg	caagtcgttc	tccagaaaag	tgtgccaac	420
agagacaaaa	gagacttaat	tcggcctcac	agagatcatc	atctttacca	ccttcaaata	480
gtaaatcaag	tactccaaca	aaaagagaga	ttatgctaac	accagtgaat	gtggcttata	540
gtccaaagcg	atcccctaaa	gaaaacttgt	ccccaggatt	tagtcatctg	cttagcaaaa	600
atgagagcag	tccaattcga	tttgatatac	ttttggatga	tttagatact	gttcctgtgt	660
ctacattaca	acgtaccaat	ccaagaaagc	aacttccagt	ttcttcctct	agatgactcg	720
gaagaaaaaa	acttattctg	agaaagccac	ccgataacat	tgtaaatcat	agctcttgcc	780
ctgaaccggg	gccaaatgga	gtgaagaaag	tatctgtgag	aacagcctgg	gagaagaata	840
aatcagttag	ctacgaacag	tgtaagccgg	tttcagtcac	tccacagggg	aatgattttg	900
aatatacagc	aaaaattcgg	accctagctg	aaacagaacg	atTTTTTTga	tgaacttaca	960
aaagaaaagg	accagattga	ggcagcacta	agcaggatgc	cttctcctgg	aggacggatc	1020
actttacaga	caaggttaaa	tcaggaagcc	tttggaagat	cgtttggaag	ggattaatcg	1080
agaactgggg	ttcagttcgc	atgacgctaa	agaaattcca	tgTTTTTg	acctctgcaa	1140
atcttcgaga	ttcgtagcca	ttaaattttg	agacattttt	gtttgcaact	atgtataatt	1200
atgcagtcag	aaaaggcaaa	ctattttgta	ctgtttataa	gccttcaaac	agtagtttta	1260
caatcatgct	attcttacac	ttgctatttt	atacttcaaa	tagccacata	ttttcaagat	1320
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tttctaaaca	aatagtgtta	tcctttttaca	attaactgca	catcaatttt	atagacttgt	1500
tctacattgt	aaatacaatt	cagtttttta	aaaataaagc	ttactagctt	cacataaatg	1560
aaaaaaaa						1569

<210> 6626
 <211> 987
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (62)...(714)
 <223> similar to gil943772 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09488725.012100

<400> 6626

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catgacttat	gcttatctct	tcaagtatat	catcatcgga	gacacagggtg	tggggaagtc	120
atgtctcctc	ctgcagttta	cagataagcg	gttccagcct	gtccacgacc	tcacaatagg	180
tgtggagttt	ggagctcgta	tggtaacat	tgatggaaaa	caaatacaac	tgcaaatctg	240
ggatacggct	gggcaagaat	ccttccggtc	tatcacccgt	tcctactaca	ggggagcagc	300
tggagcactg	ctggtgtacg	acattacaag	gcgtgaaacc	ttcaaccacc	tgacctcatg	360
gtttagaggat	gcccggcagc	actctagttc	caacatgggt	atcatgctca	ttgggaataa	420
gagtgacctg	gagtcgccga	gggatgtgaa	gagagaagaa	ggagaggcct	ttgctaggga	480
gccatggact	tatatctatg	gaaacttcag	ccaaaacagc	ctgcaatggt	gaagaggcct	540
tcattaacac	agccaaagaa	atatatagga	agatccagca	gggtttatgt	gatgtccaca	600
atgaggcaaa	tggcatcaag	attgggcccc	aacagtcaat	ttcaacatca	gtgggaccca	660
gtgcctccca	gcggaactct	cgtgacatag	ggtccaactc	tggctgctgc	tgaacatctg	720
gcttgaactt	tttttgcct	tcctggaata	gcttcagatc	aataggctta	atgaaagagg	780
tccttcttgc	tttggtgag	agcagcctct	ttttaaagtg	tgatgttttg	cctttccacc	840
taaagaccag	gagagaattt	gggcccttac	tgacctgtcc	tccttcaggg	acatgagcat	900
tccttataga	ttagggttct	tccttatcctc	ctatacaaat	ttcttaaatt	gttaggatca	960
aagttgatta	tcacagtagt	taaaaaa				987

<210> 6627

<211> 1493

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (84)...(1374)

<223> similar to gi2564320 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6627

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tgcggtact	cttgatcctc	tcgggtgct	tgggtctacg	cacagctgaa	actgatgtaa	180
atgtggtcat	gcttcaggaa	tcccaagttt	gtgaaaagcg	tgccagccaa	caattctgtt	240
acacaaatgt	gcttatccca	caatggcatg	atatatggac	acggatacag	atccaggtaa	300
atagttccag	attggttcga	gtcaccacag	tggagaatga	ggagaaactg	aaggagctag	360
agcagtttag	tatctggaac	tttttttccct	ccttttttaa	agagaaattg	aatgacacct	420
atgttaacgt	gggtctatac	agcacaaaaa	cctgcctcaa	agttgagatt	atagagaagg	480
acaccaagta	cagtgtcatt	gtgatccgga	gatttgatcc	caaactcttt	cttgttttcc	540
ttcttggaact	tatgctatgt	ttttgtggag	acttgctgag	cagaagtcaa	atcttctact	600
actctactgg	gatgactgtg	ggaattgtgg	cctctctggc	taatcatcat	ttttatacta	660
tctaagttta	tgccaaagaa	aagtcccatt	tacgtcatcc	tgggtgggag	ctgggtctttt	720
tctctgtacc	tcattcaact	agttttttaa	aattttacaag	agatctggag	gtgttactgg	780
cagtatcttt	taagttatgt	cctcacagtt	ggattcatga	gttttgagct	atgtttacaag	840
tatgggcccct	tggagaatga	acgaagtatc	aacctgctga	cctggacctt	gcagctgatg	900

ggcctgtgtt	tcatgtattc	tggcatccag	ataccacata	ttgcccttgc	cattatcatc	960
attgctcttt	gtactaagaa	cctggaacac	cctattcagt	ggctgtacat	cacctgcaga	1020
aagggtgtgta	agggagcaga	aaagcctgtt	ccccctcgtc	tcctgacaga	agaagaatat	1080
cggatacaag	gagaggtaga	aacccgaaag	gcttttagagg	agctccgaga	atthttgtaac	1140
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gaggactcat	attctcgttg	tcctgctatc	acacagaaca	actttctaac	ctaggtagtg	1380
gtcagttatc	tttacgtgga	ctggcttggt	gccttggtcc	atgttgcatg	tgthgtgcaa	1440
ttgctttcaa	ccctttgaaa	cagagtgaga	tagacagggt	attgaagctc	atg	1493

<210> 6628

<211> 2360

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (244)...(1463)

<223> similar to gi4929563 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6628

ggcgtccccg	ccacgtttcc	ggcgaccgca	ggcgcggtatt	ccttggcttc	cctcagcact	60
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gcgtggggga	tgtgtagttg	gtgactgcct	ctccagatgc	tgagggtgct	gtatcattgg	180
cacaggccag	tgctgaaccg	taggtggagt	aggtgtgccc	ttctgaagca	gtatctattc	240
acaatgaagt	tgcatgtctc	cgaattccag	tcacttttca	cagaaggact	gaagagtctg	300
acagaattat	ttgtcaaaga	gaatcacgaa	ttaagaatag	caggaggagc	agtgagggat	360
ttattaaatg	gagtaaagcc	tcaggatata	gattttgcca	ccactgctac	ccctactcaa	420
atgaaggaga	tgthtcagtc	ggctgggatt	cggatgataa	acaacagagg	agaaaagcac	480
ggaacaatta	ctgccaggct	tcatgaagaa	aattttgaga	ttactacact	acggattgat	540
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gtttacctgc	taatgcaagt	ttagaagaat	ttgacaaagt	cagtaaaaat	gthgatggth	1020
tttcaccaa	gccagtgact	cttttggtct	cattattcaa	agtacaagat	gatgtcacaa	1080
aattggattt	gaggthgaag	atcgcgaaag	aggagaaaaa	ccttggctta	tttatagtha	1140
aaaataggaa	agattthaatt	aaagcaacag	atagthtcaga	cccattgaaa	ccctatcaag	1200
acttcattat	agattctagg	gaacctgatg	caactactcg	tgtatgtgaa	ctactgaagt	1260
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taagtggcca	tgacatcaga	aaagtgggca	tttcttcagg	aaaagaaatt	ggggctctat	1380
tacaacagth	gcgagaacag	tggaaaaaaa	gtggthtacc	aatggaaaaa	gatgaacttc	1440
tgagthacat	aaagaagacc	taaaactgat	ggctactaaa	aagcagagca	tttctggthaa	1500
gactaaattt	tctcccctcc	ctcttaatga	ggtththtag	actacaccag	aataaaaagac	1560
agththagggg	acctctgtag	aacaacaagg	gtctththth	gtgaattata	tattthcaaga	1620

actaaacaga	gatccacctt	tctggatctg	atztatatca	ctgaaatgta	cagttctttt	1680
ggaatagttt	cacctgagaa	aacatagttg	gctattatct	atcttaacct	gttcaggctt	1740
ttaaaaaaaaa	ctgtttttgc	atagggtagt	actaagatct	taaaaagtgg	taactgtctt	1800
gaagaaaaaa	cgttttattg	ttgtttgcaa	ttgaaataac	agggttacct	taacaatgac	1860
tgtctatgat	gtgtcagttc	ttatctgaat	tccaaaataa	acctgtgctt	aaaaaagaaa	1920
taattgacca	agtaagtttg	cataaaatgt	gaataactaaa	tgtgtcccca	gttgctggca	1980
ttcatatgta	caggatttgt	tctagcaagc	tatgcttcag	tatgtgggtg	atatttttct	2040
gtcacaatga	tttctttatg	catgcagagc	ctgggaaaagt	catgggatta	acttgagggt	2100
cactattgag	cctattaatt	aattaattat	tgttttaata	aaacaaacat	tggtattgga	2160
agataaatat	gtttatgtgg	tatctgacaa	tgtgtattag	gtgtcatata	caatggtaat	2220
atgcctgtct	ttaaagtgtt	attttattaa	ttaaaaggat	atcggtctatt	attatatatt	2280
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aaatgtataa	tacaaaaaaa					2360

<210> 6629
 <211> 4211
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (433)...(2515)
 <223> similar to gi4836765 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6629	
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gggagcctcc	cacgctctcc agctcactcg gcaggcagcg gggaccaggg ctggcagggt 180
aagcctctgg	gggtggatcc tgaaaggtgg tccagccgcc tggccctgcg tgggaccctc 240
cacctggcag	caggtaccca aacaagggct ggacagcagg gtctcgctct gtcacacagg 300
ctggagtgca	gtggtgtgat cttggctcat cgtaacctcc acctcccggg ttcaagtgat 360
tctcatgcct	cagcctcccg agtagctggg attacaggtg gtgacttcca agagtgactc 420
cgtcggagga	aaatgactcc ccagtcgctg ctgcagacga cactgttcct gctgagtctg 480
ctcttcctgg	tccaaggtgc ccacggcagg ggccacaggg aagactttcg cttctgcagc 540
cagcggaaac	agacacacag gagcagcctc cactacaaac ccacaccaga cctgcgcata 600
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<210> 6630
 <211> 2213
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2214)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (142)...(1400)
<223> similar to gi416017 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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00400705-012100

<210> 6631
 <211> 2904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2905)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (553)...(2344)
 <223> similar to gi4741187 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6631

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 <211> 3854
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (222)...(2524)
 <223> similar to gil296664 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agaaacttaa	gaaaaaattg	tttatgtgtt	atattcaatt	agcttaaata	agttgctttg	3780
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tgttaaaaaa	aaaa					3854

<210> 6633

<211> 1023

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (283)...(730)

<223> similar to gil56221 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6633
tgctcaaattg ttttctaaag tgtagaacat tatccattag tgggatataa agtaaataca 60
ttcaaataatt gatttttaaag aatgtcttga ccaaattttt taaagaaaaa atatataaaa 120
taaaaagtat cagagtacat tatactcagt aaggataaaa tattatttca tgcgctggcc 180
atgctggtct tgggtggtttc gccgtggtct gcggcccggtt gagtgcttcg aaactactgg 240
gagcgactgc tacggaagct tccgcagagc cggccggggtt ttcccagtc tccgtgggga 300
ccagcattag cagtacaggg cccagccatg ttacagagc cagcaaatga taccagtggg 360
agtaaagaga attccagcct tttggacagt atcttttggg tggcagctcc caaaaataga 420
cgcaccattg aagttaaccg gtgtaggaga agaaatccgc agaagcttat taaagttaag 480
aacaacatag acgtttgtcc tgaatgtggt cacctgaaac agaaacatgt cctttgtgcc 540
tactgctatg aaaaggtgtg caaggagact gcagaaatca gacgacagat aggggaagcaa 600
gaagggggcc cttttaaggc tcccaccata gagactgtgg tgctgtacac gggagagaca 660
ccgtctgaac aagatcaggg caagaggatc attgaacgag acagaaagcg accatcctgg 720
ttcaccacaga attgacaccc aaagatgtta aaaggataac ttcacagtaa atcatttctc 780
ctgaaataga ggaagattct ttacgttgtt gtgcttgttt ttaaatacatc agtatagttt 840
aacacattct ttctaagcag ttttgtgtgg gataatttga agaataatatt atgagtaaac 900
tccgaaaatt ttgtttatcc aaaggcttca atggattatg tttctattat atacaagggt 960
ttaagtaaac ataaaatttc cagaacaaaa ataaaaaatt taaaattcat aacaaaaaaa 1020
aaa 1023

```

```

<210> 6634
<211> 1157
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (99)...(939)
<223> similar to gi3559980 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6634
ctccacttca tggagcctgc acctcgctcg tgctccaacg cttctgccac cgccgaccac 60
ggccctgcgc cccagccagg cctgaggaca tgaggcggtg ggccggcggtg ccgctcctgc 120
tgctgctgtg ttttgggtct cagagggcca aggcagcaac agcctgtggt cgccccagga 180
tgctgaaccg aatggtgggc gggcaggaca cgcaggaggg cgagtggccc tggcaagtca 240
gcatccagcg caacggaagc cacttctgcg ggggcagcct catcgcgag cagtgggtcc 300
tgacggctgc gcaactgttc cgcaacacct ctgagacgtc cctgtaccag gtcctgctgg 360
gggcaaggca gctagtgcag ccgggaccac acgctatgta tgcccgggtg aggcaggtgg 420
agagcaaccc cctgtaccag ggcacggcct ccagcgctga cgtggccctg gtggagctgg 480
aggcaccagt gcccttcacc aattacatcc tccccgtgtg cctgcctgac ccctcggtga 540
tctttgagac gggcatgaac tgctgggtca ctggctgggg cagccccagt gaggaagacc 600
tctgtccga accgcggatc ctgcagaaac tcgctgtgcc catcatcgac aactcaagg 660
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gacatgctgt gcgcccgtt cgaggagggc aagaaggatg cctgcaaggg cgactcggcc 780
ggccccctgg tgtgctcgt gggtcagtcg tggctgcagg cgggggtgat cagctggggt 840
gagggctgtg cccgccagaa ccgccaggt gtctacatcc gtgtcaccgc ccaccacaac 900
tggatccatc ggatcatccc caaactgcaa gtccaacca gcgaggttgg gcggccagaa 960

```


gtgacacccc	cgggggccagg	agcccccttga	gcagagctct	gcacccagcc	tggccgcccc	1020
caccatcctg	ctggtcctcc	cagcgctgct	gttgacacctg	tgagccccac	cagactcatt	1080
tgtaaatagc	gctccttcct	cccctctcaa	atacccttat	tttatttatg	tttctcccaa	1140
taaaaacca	gcctgtg					1157

<210> 6635

<211> 4242

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3683)...(2192)

<223> similar to gi5102630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6635

tttttttttt	ttttacaaat	attaaaaatg	tgatttttta	taatataagt	acaaaatttt	60
atttctttat	acaactgtaa	tgggattttg	atcaaaccac	tagaatttat	ttaaaaaaac	120
aaaataaaac	aatgatataa	aaactgcaag	aagggtctga	tccaaagtgt	ttcctcta	180
agtaccaa	accacaagg	tccagattat	tatacaa	tgtaaa	ttaaatacaa	240
atacaatagg	gctgggtttc	aaaggaaaac	aaacaaaaag	cagggtccctc	catccaggat	300
ttcattaatg	gtatatgatt	ggacaatgct	aggggtttaa	tgtcttccta	tactaaccat	360
gtcttccccg	cccctcctag	ataccctgtg	tcaaacaggg	aaacttccca	cagatacaga	420
agaggcatgg	tacaatgttc	taacacatga	aatcaagtta	agatttctgt	tcctcttgat	480
tttggttctc	aaacaatcct	gtttctctgt	attcccaatt	aaatcttaaa	actgctctga	540
gctgagaaa	ggattcagca	gccagactac	ctttaagcaa	catagccctg	tgacaacact	600
ggtggggaga	agggaagaaa	ttaaataagga	tgcagatggg	ctacactgtc	cccaaagatt	660
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ttggtgttgg	cagagaatct	cataccaaat	ttaaaaacca	tcctgaagtg	ctcaactgtc	780
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aacattcctc	tttattttac	tttctagaca	ttattgaagc	ccatgaagt	ctttataaag	900
aattagaatc	ctaacacaat	gattcatttt	tgaggtaaaa	taccttaaac	tgtagatgat	960
tcagagtttt	tggaaacagac	caggaggaag	gaaggaaaga	gggaaggaaa	cagggaagga	1020
aggaaggaaa	gaaggaggag	cggaaggagg	aatgacaaa	tctgtatctt	ccacatgctg	1080
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taaataaa	tacaagagag	tgagttttgt	tttgtttttg	caattcactt	acatgtggaa	1260
tgcagaacac	tgtgtatctg	cccaccaggg	gaactgataa	gatgaaccca	aaaatcatgc	1320
tgggcaaa	ttatccataa	ccaccgagca	actaagcagc	acggcttggt	aggacttggt	1380
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gggttagctc	agaatgtatg	gagggtccaa	tggtggcatt	gacagcttca	ccccccaagg	1500
tgttttttgc	tgcccagggc	tcaccagaac	tccccttggc	ctctgttgga	ggccaccaat	1560
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00480715.012100

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cagaggccac	tgaaggaatc	tgcaacagtc	atatatacac	aaaccagcaa	tggtgtagga	2160
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gacacagcca	ccataccctc	agtttctctg	agacggtgtc	caatgaggct	tagggactct	2400
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atcaaaaaca	tcttctttct	tcacggagtc	atcataagcc	atggtggtcc	tgcagggcct	4140
ttgagaatgt	gtcactgtgt	ccaggctcct	tcccgctctac	aggaccaggt	cttcaactcgg	4200
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<210> 6636

<211> 564

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (250)...(546)

<223> similar to gi499070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6636
 ttttgctttt cacaggaatg ttttattgtc tctgcctgga cttctaacaat agcatatgag 60
 gtgaaaacac tgcttttagta aaaatggaat actcttgggtt acatgaaatc ccatccctcg 120
 tccttcaggt cactggagg agaagtccct cattccttgg gattgggtgac gacagccgtg 180
 gtggaatagg agtaggggct cagcagggcg gcaatgggtg ggtggcagca ggcgcagccc 240
 agcctcgaaa tgcagaacga cgccggcgag ttcgtggacc tgtacgtgcc gcggaaatgc 300
 tccgctagca atcgcatcat cggtgccaag gaccacgcat ccatccagat gaacgtggcc 360
 gaggttgaca aggtcacagg caggtttaat ggccagttta aaacttatgc tatctgcggg 420
 gccattcgta ggatgggtga gtcagatgat tccattctcc gattggccaa ggccgatggc 480
 atcgtctcaa agaacttttg actggagaga atcacagatg tggaatatatt gtcataaata 540
 aataatgaaa acctaaaaaa aaaa 564

<210> 6637
 <211> 2411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2412)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (241)...(2411)
 <223> similar to gi3877350 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6637
 ggcacgagga gatgctgac ctacagcact cccgctgtgc ctcagcagtg agctgggtgt 60
 aaaggcagga ggcttgctgg ggtctgacac ttcctgccc tctccagga gggacacatc 120
 tggggctcta tgaggaggac agctttcatc ctgggctctg gacttctctc atttgtggcc 180
 ttctggaact cagtgcacatg gcatcttcag agattttggg gtgcttctgg ctacttttgg 240
 caagcccagt gggagaggct gctgactaca tttgaaggga aggagtggat cctcttcttt 300
 ataggtgcca tccaagtgcc ttgtctcttc ttctggagct tcaatgggct tctattgggtg 360
 gttgacacaa caggaaaacc taacttcac tctcgctacc gaattcaggt cggcaagaat 420
 gaacctgtgg atcctgtgaa actgcgccag tctatccgca cagttctttt caaccagtgc 480
 atgatatctt tccccatggg tggctcttct ctatcccttc ctcaaattgg ggagagaccc 540
 ctgacgccgt gagctaccca ccttccactg gttcctcctg gagctggcca tcttcacgct 600
 gatcgaggaa gtcttgttct actattcaca ccggctcctt caccacccaa cattctacaa 660
 gaaaatccac aagaaacacc atgagtggac agctccatt ggcgtgatct ctctctatgc 720
 ccaccctata gagcatgcag tctccaacat gctaccgggtg atagtgggccc cattagtaat 780
 gggctccac ttgtctcca tcaccatgtg gttttccttg gccctcatca tcaccacccat 840
 ctcccactgt ggctaccacc ttcccttctt gccttcgct gaattccacg actaccacca 900
 tctcaagttc aaccagtgt atgggggtgct ggggtgtgctg gaccacctcc atgggactga 960
 caccatgttc aagcagacca aggcctacga gagacatgtc ctctgctgg gcttcacccc 1020
 gctctctgag agcatcccag actccccaaa gaggatggag tgagagacag cctaagtgtc 1080
 atcctggctg tccctcagcc atgggatgca gacacggctt cctgattgca cctaacaatt 1140
 tgcctccttc ggccacacgc cctaattgat gcaccaccag ggtagaggga aggtcggctt 1200
 cccggaaaag caggggccaag gatgaggctt tcttcaaact actgcccttg atgtccctca 1260

00488725 013100

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atgggatcag gagttagctt aagaaaaagg aaaacacagc tccccagact ggaggctggt 1320
cagagggagg agacccttgg tcctctgctg tggaaggaga ggggttcagc cccagataac 1380
tcctttgtgg cctgggcagg atgcagagaa tgacaaggct gaaaggaggg ggactggagg 1440
ctgcctggct ccagcgagag ctcttcttgg gaccagaggg tgggacggcc aggtatcact 1500
ttgccccctt ctgccccaaa aggctttcac atatccgact caggccagag ccaagacacc 1560
ctggcaaatc gttataggtc tcaattcatg acataccaga tgccagtcgc cacttcaccc 1620
aacacacaca caaacatata cacacaaac actctgagtg agtggtaaaag gccccgtttt 1680
aactctggcc caccgcaaac aaaagggttt cctctgtggg ggagaaaaag aaatccagga 1740
gctcctccct ggattaaaac caacgagggt cagaccaaac tttaacacct ttagccttat 1800
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gaccaaagg tagagccctc tttctccccg aagaaagagc ccggaaaaac atggcagagc 1980
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aataccttag tatcagctag ggtccaagtc tccaggcagg actatcaaaa tgggactcct 2340
tcttcctatc agctctagaa ccccganga cttgccagta ggccagctga gcacttacca 2400
ggcagcatct t 2411

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<210> 6638
<211> 1352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (273)...(1303)
<223> similar to gil64459 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6638
gcggccgccc tcccacagcc ccacacactg ggagaccgcc caccgcaaac cgcgagagacc 60
cccgtctaga tttaaagcgc ggctgcgccc ggcttctgac gtccattgaa tcgcgcgggc 120
ggccggcggc gagcgcgggg ctgcgcggg atcgtctgc cctccgcgc tggectctgc 180
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gccttctgct gctgctgctc tgccagttca tggaggaccg cagtgcgccg gctgggaact 360
gctggctccg tcaagcgaag aacggccgct gccaggtcct gtacaagacc gaactgagca 420
aggaggagtg ctgcagcacc ggccggctga gcacctcgtg gaccgaggag gacgtgaatg 480
acaacacact cttcaagtgg atgattttca acgggggcgc cccaactgc atcccctgta 540
aagaaacgtg tgagaacgtg gactgtggac ctgggaaaaa atgccgaatg aacaagaaga 600
acaaaccccg ctgcgtctgc gcccgggatt gttccaacat cacctggaag ggtccagtct 660
gcgggctgga tgggaaaacc taccgcaatg aatgtgcaact cctaaaggca agatgtaaag 720
agcagccaga actggaagtc cagtaccaag gcagatgtaa aaagacttgt cgggatgttt 780
tctgtccagg cagctccaca tgtgtgggtg gaccagacca ataatgccta ctgtgtgacc 840
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gtcacctact ccagggtgct gccacctgag aaaggctacc tgctgtctgg gcagatctat 960
tggttaggcc tatgagggaa agtgtatcaa agcaaagtcc tgtgaagata tccagtgcac 1020

```

tgggtgggaaa	aaatgtttat	gggatttcaa	ggttgggaga	ggccggtgtt	ccctctgtga	1080
tgagctgtgc	cctgacagta	agtcggatga	gcctgtctgt	gccagtgaca	atgccactta	1140
tgccagcgag	tgtgccatga	aggaagctgc	ctgctcctca	ggtgtgctac	tggaagtaaa	1200
gactccgga	tcttgcaact	ccatttcgga	agacaccgag	gaagaggagg	aagatgaaga	1260
ccaggactac	agctttccta	tatcttctat	tctagagtgg	taaactctct	ataagtgttc	1320
aggggtgaca	tagcctttgt	gcaaaaaaaaa	aa			1352

<210> 6639
 <211> 2637
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2095)...(1439)
 <223> similar to gi3089605 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6639	
tgtgtgtgtg	tatgagagac gtgcacctat gttagcctga ggagtgtatg tctgtcagga 60
cagcaggggc	ctcaagactc aggactttta ttaggcctcc agttatggcc ttccaggaag 120
ccggcgcgcg	agaagcagca gaatcataga gattaataaa gaatgacgtt tggaaatgga 180
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<210> 6640

<211> 3028

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (743)...(1047)

<223> similar to gil710216 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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aaggatgaag	acgaagaagc	aaggaggagg	caaatgaaga	accatctttg	gtcatgaata	1440

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<210> 6641
<211> 655
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (591)...(168)
<223> similar to gi5869981 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gttaggcttc cttctgtcca tagttcaggg catattcaaa gtctctaaaa gctgacgtga 180
ccatctggaa tctcgatcta acttccttga atacctcaag aacagtcctt tccggttaatt 240
tgaggagccac ctgcctaaat gcttttttga aatcttccaa agttaaaaat ccacgatagt 300
aggtgtcaaa ggctgtgaag atgtgtctta cttcgttccg atatcgttga gcttccttct 360
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aagacatcac agaatccact tctatcttgg agggcttgta cccaaacagc attacaacag 480
cagtttttaa gtcctctctg ctgagatata ctttgtgata ttcacacat gcttttaata 540
cttccaccca cttcctgtgt tccgagggac tggcttccca cgtccgcgac ctggctctgg 600

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cctcggagaa gaacatcgcg actacaacaa ccgagcccca gcaacccaac cagct

655

<210> 6642

<211> 2086

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (78)...(1016)

<223> similar to gi5531815 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6642

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gcgcgggcac	cgtggcctac	ctagccctgc	gtatttcgta	ctcgctcttc	acggccctcc	180
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aaaagtaatg	acttcataga	aatggcatta	taatttttaa	gttgatactc	tacaggtagc	1920
tattgatata	attagtttta	ataaaacatg	ctgcaaccat	ggtataacaac	aaaaatacat	1980
ttctttgggtg	attgaaatta	aggccgtatt	tacaatgact	taatataaga	ctgacctttt	2040
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<210> 6643
 <211> 6622
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (298)...(5441)
 <223> similar to gi5006445 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 tcggccaagg tcgggtcaa gaagctggag cagctgctcc tggacggggc ctggcgcaac 360
 gagagcgccc tgagcgtgga aacgtgtctc gacgtgctcg tctgcctgta caccgagtgc 420
 agccactcgg ccctgcgcgg cgacaagtac gtggccgagt tctcgagtg ggctaaacca 480
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